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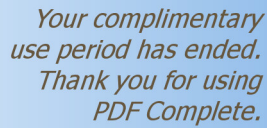
၈၃%၆>/ ဝ ဖ် !!ပံ ဖ်ပုဂံ, ဖ်/ ၆> ပံ ဟု ဖြေပိန္နာ'ဗ်ပုဇ် > ပံ ဖ်ပု!! ၆၃%၆၆!!/ "ပံ%၆.ပံ > ပံ, ပု!!
 ပံ!!ပံ၃<.ဂံပု "ပံ%၆.ပံ > "ဝံ/ ဖ်" ဖ်ပံ ပံ%၆.ပံ, နံပံပု!! ပံ!!, %၆...ပု ၆ ၆၆"ပံ' > '!!/ ၆ %၆> ပံပု
 နံပံပု ပံ%၆' ၆ ပံပု...> ' %၆ပံပု ၆ ပံပု", > ပံပု!! ၃ဂံ/ ပံပံ/ နံ'ဗ် > ဖ်/ "ပံပံပု" "e!! ပံပံပံပံ ပံပံ
 %၆, ပံပံပံ ပံပံပံ "ပံပံပံ ပံပံ!!ပံ နံပံ ပံ, ၆ .. / < " < "ဂံ%၆...ပု.၆ > ပံ%၆ ၆ > ပံ. ၈၃"ပံ. ၆ %၆
 %၆< ပံ ပံ!!ပံ ဖြေပိန္နာ'ဗ်ပု ဖ်/ ၆> ပံ%၆>, ပု!! ၆၃%၆၆!!/ နံပံပု...၃ဂံ ပံပု.၆ ၃ပံ ပံပု" ၆ ပံပံပံ" ပံပံပံ
 ပု!! ပံပံ, "ပုဂံပံ "ဝံ/ ဖ်% !!!...ပံပံ, , ပု ၆ / ၃/ ၆ ...ပံ!!ပံပံ "ပံ%၆" "ပံ%၆" နံ.ပံ.../ ' ၃ပံ ပံပံ.ဂံ" ပံပံ
 ပံ<, "ပံ ...၃ပံ ပံပံ ၆!!ပံ...!!ပံ ၆< / ၃/ / ဝ ပံပု'ဗ် ဖ် > ပံ/ ပံ နံ.ပံပံ!! ပံပု!! ၃ပံ, ပု%၆...ပု.၆ ပံ ပံပံပံ.
 - ' < / ၆ ဖြေပိန္နာ'ဗ်ပု ပံပံ > ' < ...ပု ၆ ပံ ပံပံပံ.ဂံ" ၆ ပံ!!ပံပံပံ" ၆ —.၆ ပံပံ ပု ၆ ပု > ပံပု ၆ —.၆ ပံပံ နံပံ
 ပု!! , နံပံပံ.ပံ!!ပံ ပံပံပံပံပံ.ဂံ/ ၃/ "ပံ ပံပံ ပံ

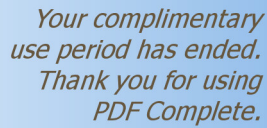
$$\bar{u}'' \dot{U} \ddot{t}'' / \Omega \dots \dot{U} \ddot{t} \dots$$

Ű £!!Ÿ " ...—'ŰŸ!!Ű

Итого: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845,







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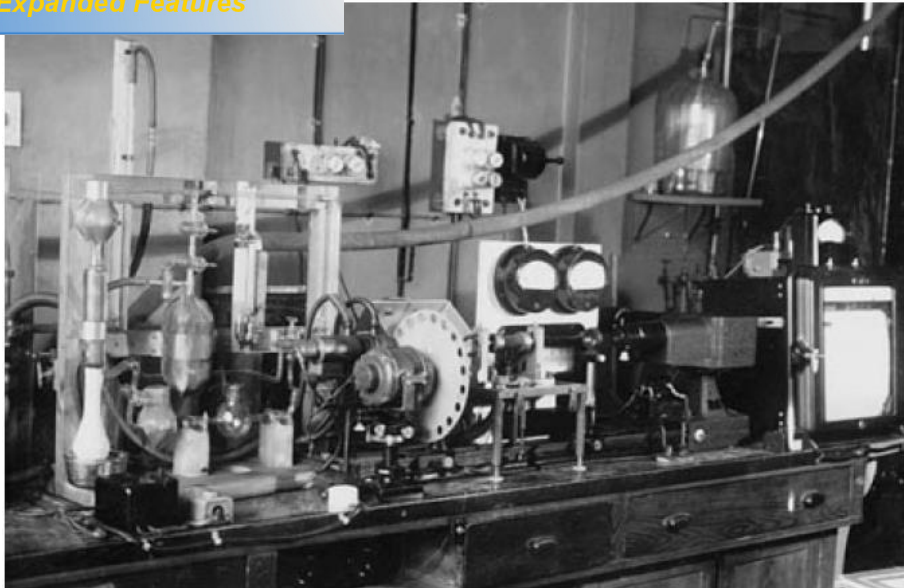


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... နှင့် ဖြစ်ပေါ်လာသော ပုံစံများကို ပြောဆိုနိုင်ပါသည်။ ... ဖြစ်ပေါ်လာသော ပုံစံများကို ပြောဆိုနိုင်ပါသည်။



- ပုံစံ 1.2: နံရံမှ ပုံစံများကို ပြောဆိုနိုင်ပါသည်။ ... ဖြစ်ပေါ်လာသော ပုံစံများကို ပြောဆိုနိုင်ပါသည်။ (1957) [7].

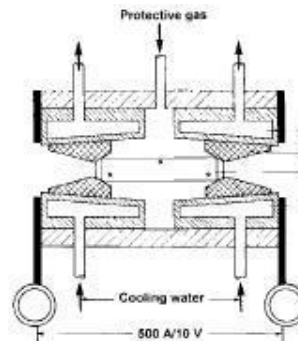
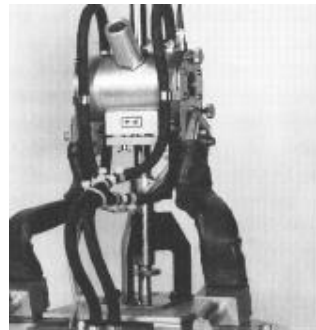
- 'F' တို့သည် 'F' ပုံစံများကို ပြောဆိုနိုင်ပါသည်။ ... ဖြစ်ပေါ်လာသော ပုံစံများကို ပြောဆိုနိုင်ပါသည်။

၎င်းသည် 'F' ပုံစံများကို ပြောဆိုနိုင်ပါသည်။ ... ဖြစ်ပေါ်လာသော ပုံစံများကို ပြောဆိုနိုင်ပါသည်။



- Pts, Ü 1.3: W u/ Ω I/ F ≠n Ũü "Ů..™ C%F ũPsd', ũŮ.."ŬŮ♀™Ů Massmann [10].

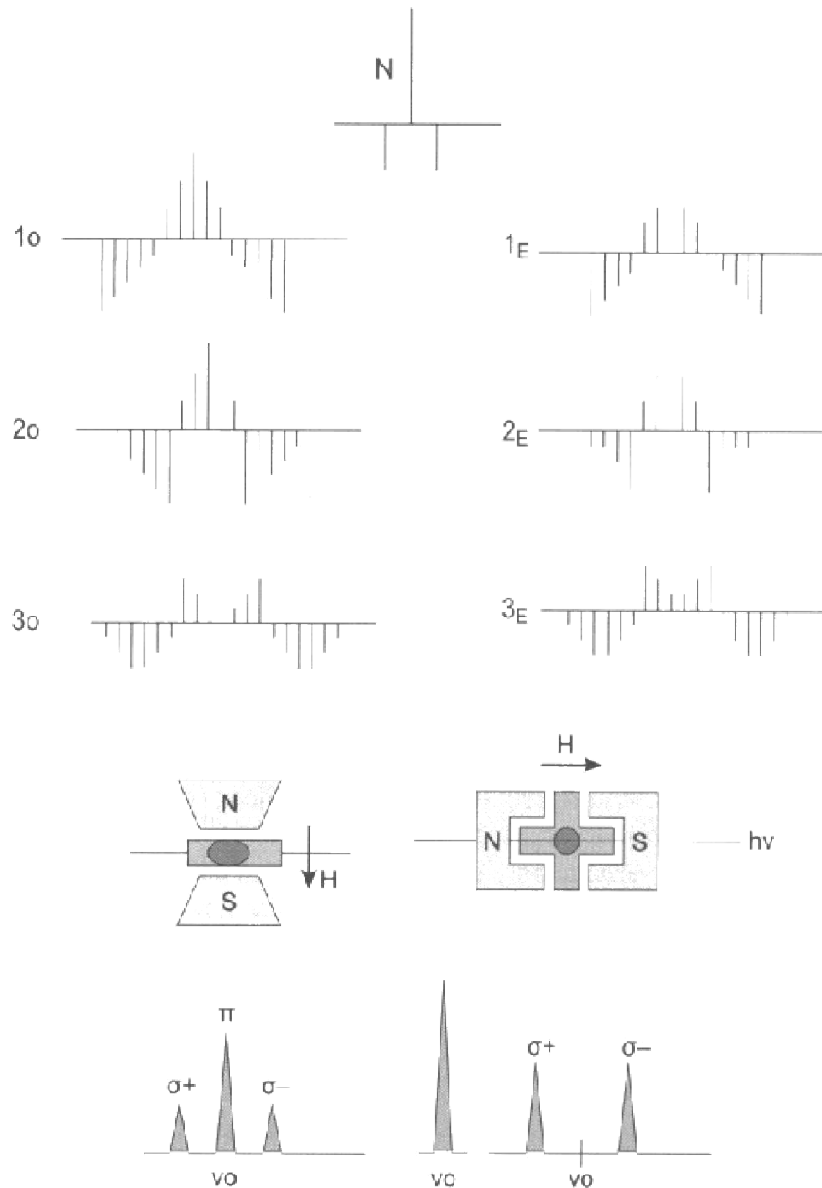
G' Ü̇ / ʔTM ʔ.Ü̇ ʔ.F ü̇ Pts "Ü̇ .F " Ü̇! Ü̇.!! / n ‡Ü̇! / ‡Ü̇ ʔ £ Massmann !! Ü̇ Ü̇ / " ʔ ü̇ Ü̇ / n "" Ü̇
Ü̇ "Ü̇. WÜ̇ ʔ.. † / %Ü̇ ʔ £ B. Welz, ʔ ʔn e ʔ Ü̇ / n "", ü̇ Ü̇ü̇' / TM ‡Ü̇! Ü̇ > "" F
Ü̇ / n n TM .Ü̇ .F > Ü̇ ʔ..Pts " Ü̇...Ü̇ > / ʔ / '. ʔ ʔ / Ω ! / £ ‡n Ü̇ " ʔ..(HGA-70), " Ü̇! ʔn Ü̇ > Ü̇ ʔTM ʔ.Ü̇
ʔ ' ʔ F 1970 (- Pts> Ü̇ 1.4) [2,11].



- Pts> Ů 1.4: w ♀neŮ F Ů ♀/ n''', ů'Ů%ú'>/ F Ů/ Ω !/ F ‡n Ů'Ů'.[10].

[illegible][illegible]

κανονικό φαινόμενο Zeeman



- Pts > Ū 1.5: - Pts: Ū 1.5: ♀ Ū, ū Ū Ū...Ū F Ū Pts < Ū Ū £ n ‡ Ū F Ū! TM ū ū Ū Ū > Ū Ū F Ū! TM % ū ū . F £ % / ‡, †, % / £ > Ū ‡, ū...Ū ū Ū!! TM Ū / Zeeman [18].

$$m_0 = 0,0044 \times 20/b \quad (2.1)$$

18



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7"e!! ú£!!%o."e!! <Û†, !/ £!! P£nÛ "ÛÛ Û..û', n"ÛÛ Û.£
 7£UF Û£Û£/' ♀Ûn, >Û/ ' ♀n' ♀Û !!Û ú£!!'ÛÛ> .%%Ω! ' Û' e úÛ!!Û "n'%Û Û!! ...> ' %Û/ £ Û!!Û
 "ÛÛ <<.<... ‡'Û Û ú"/ ♀™ ♀/ £ Û!!Û♀ÛP£o."Û™♀%£ %Û ÛÛ!!Û Û♀™ Û.. ú£!!' P£Û Û.£
 ú£‡"Û'n'>' !!..£>Û' Û.£.

3.1 $\dot{W}^n$ 'ú, TN_F

W' Pts:'''/ "U/ 9/ ' ..U.F ʔ!!P/ £ŋ'F 9/ £ 9 n/ ŋU%ŋ!U' U'W ŋU ŋŋ> P' T'W "P ŋUŋ 9 n T'W 9 P
 ŋ'P'Q UŋP'P'P'U!! , n ŋ...U%ŋ! 9 P'U 9/ ŋŋŋU%ŋ! "ŋU U!! ŋŋ'P'>/ ±" U.F > ŋŋŋ'W £ U.F ETAAS.

[illegible]

3.2 - "/ ♀TM F Pts " Ũ..F Pts, ""e !! Ψ/ ♀/ ♀/'..Ψe !!

WUW!! UuU%#“ U£ U/ Ω! / £ %W > U!!™ U/ £ ‡n Uy”U..y, !!...U! Uy ♀n e UyUΩ!U Uu.., Uu.

[illegible]

၂.၆ ဝံ!! ပဲကဲဗျံ " ၆ > ဝံ%၀/ ၆ e ဝံဗျံ!! ဝံ ဝံ e ဝံဗျံ " ပဲကဲဗျံ ဝံ ဝံ ဝံ/ ဗျံ ' ဝံ > ဝံဗျံ. ဝံ " ၆ ဝံဗျံ/ ၆ ဝံ/ ဝံဗျံ ဝံ!! ဝံ
 ... တံဗျံ ဝံ... ၂.၆ > ဝံ%၀/ ၆ %၆ ဝံ/ ၆ ဝံ!! ဝံ ဝံ တံဗျံ. ဝံဗျံ ဝံ!! ပဲဗျံ ' ဝံ... ပဲဗျံ " e!! ဝံ/ ဝံ/ ဝံ/ '... ဝံ!!
 ဝံဗျံ ' ဝံဗျံ!! ဝံဗျံ ဝံဗျံ ဝံဗျံ ' ဝံဗျံ ဝံဗျံ/ ဝံ ' ၆ ဝံဗျံ ဝံ ဝံဗျံ/ ၆%၀:

[illegible]

y) ñ q</ Ω'ũũ...ũ.F > ũ^m/ £, ũ_q/ Ω ũ'£"/<Ω'ũ ũ!! qn/ ũŵ'> ũ^m" ũ^m ũ^m F "ũ q/<<'F
 y/ n'F> q/n ũ!!ũũq/y£Pũ...ũũũ>/ ‡“ ‡!%ũũF qn/ ũ%" ..£.

ū) ŵŭ%ǎ...ŵ ∈ PtsTM/ ∈ Ū Ū < ŪŪ..F Ū%ǎ! ū!ŪŵTM%ǎ! ūŵŵŵTM%ǎ! %ⁿ > Ū!Ū..F Ū ∈ ‡ⁿ Ūŵ'Ū..

[illegible]

Θ Θ♀'ϐ' ♀ ϐ̣ ϐ !! ϐ̣⊕ϐ⊗ / !/ ♀ n / ϐ̣̣ / n'ϐ̣> ™ ⊙ / << e !! ϐ̣ ϐ' ϐ̣%!!..

3.3 $\text{r}\ddot{\text{u}}^{\text{'TM}}\text{U}.\ddot{\text{U}}\text{F}''\ddot{\text{U}}'\text{P}_{\text{ts}}^{\text{n}}\ddot{\text{U}}''\text{U}.\text{n}'\ddot{\text{U}}\text{U}'', \text{P}_{\text{ts}}\text{'e}!!\text{U}/\text{♀}/\text{♀}/'\text{'..U}!!$

w' 'u'™p.u'f" u' p'sh u' u.n'úu', 9/d! p's'""e!! u/ 9/ 9/ '..u!! ú!!u' u' u'“ F:

- [illegible]



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У / ♀ / ♀ / '..У'

ts. '"/ ΩΨ/ ♀/ ♀/ ' ..Ψ %♂ ♀ n' ♀ Ũ !!Ũ<Ũ> †, !/ !!Ũ £ ♀ TM €...

ယုံ ♀ ပုံ ပုံ', ဖ/ဝ:

✓

W Pts>''' TIF U / % / ...U F q n' ũ !!ũ !ũ!ũ !ũ!ũ £U'' e F "P̃m̃ TM!!ũñ !ũũ n' / "P̃
/ %qũũ" % / ūũũũũũ / F ũ q TM ũ ũ "P̃ũ ũ ũ !! q n' / ũũ / n' ũũ TM £ / % / £ q n TM ũũ

!!Ů Pts..Ů'>/ ♀/ ' ..%Ů.

✓

WŨ > ɣ/n Ũ !!PŨ Ps.ũ>/ ɣ/'..%Ũ ‡PŨ TM/ ʏ ũɛ!!PŨM! ɣ Ũ'ũũ ʏŨ Ũ Ũʏ'PŨ ‡PŨ
<TM/ ɛF Ũɣ< TM/ ŨF.

✓

WÜ > .!! ǫ Ũ'' Pǫ ŨŨ' PǫŨ ŨŨ / ǫ/ "Ũ ǫn/ ũŨ/ n"/.!!ŨŨ ũŨ.. ũũ!!' PǫŨ > Ũ Ũ "Ũ/
TM ±ŨŨ/ , ũ' TMŨ/ "!!ũũũ/ F > TMũũũ.. F Ũũ ± ŨŨ"Ũ..ŨũŨ > Ũ, ✓ F.

✓

W Pts₁''' TIF U / % / '% U F ♀ n' ♀ Ū !! Ū > .!! ♀ Ū n, tŪ > Ū t, < Ū F U, ' F Ū % / n n TŪ .. Ū . F
£ % / †, % / £ Ū Ū > " / F' Ω Ū Ū F Ū £ ♀ n' / Ū Ū / n' • TŪ Ū / £ Ū Ū ' PŪ £.

✓

Yn' ♀ Ũ !!Ũ> ... Ũe !!Ũ ũn ŨŭŨ', Ũ Pts TNY •C% F Ũ £ ‡n Ũŭ"Ũ...

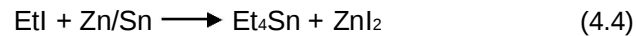
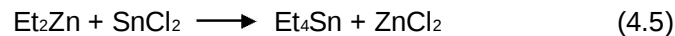
✓

WÜ> ..!! Ũ!!Ũ Ÿ^{-''' TM} F" Ũ !!Ũ' PŨ PŨ ..< TM' TM' Ÿ F.

✓

wǔ> ǝ/ n ǔ'!!ǔ Ps..ǔ'>/ ǝ/ 'ǔǔ' ǔǔ.>''' n ǔǔ' ..ǔǔ!!ǔǔ' ǔǔǔ'!! ǔǔ' %ǔ'...

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[illegible]

W' Pts' ʋ 1900, u. m' u' ɔɔɔɔ..!! ♀ ũ "♀/ £ 37 ' n Ǟ!!! Ǟ ǞPǞǞ, μǞǞǞ / n ‡ !? " ǞǞǞ' ǞǞ' "" F Ǟ!e ǞǞǞ,
Pts. Ǟ' m' ♀ / ' e !!! ǞǞǞ ǞǞ ǞǞ " £ n %F ♀ n / Ǟ!!! ǞǞ Ǟ% ǞǞǞǞ, μǞǞǞ " Ǟ' μμǞǞǞ Ǟ!!! ǞǞn, ǞǞǞ [49] .

[illegible]

4.1
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OT	4.1	4.1	4.1	4.1
	4.1	4.1	4.1	4.1
Bu ₄ Sn	-97	145/1,3 kPa	1,06	-
Bu ₃ SnCl	-16	172/3,3 kPa	1,21	50 [†]
Bu ₂ SnCl ₂	39-41	135/1,3 kPa	-	5-17 [‡]
BuSnCl ₃	-	93/1,3 kPa	1,69	4-50 [†]
Me ₃ SnCl	37- 39	154	-	-
Me ₂ SnCl ₂	106-108	188-190	-	20000 [†]
MeSnCl ₃	48-51	171	-	-
(-) 4.1				

[illegible]

Ç ʘ Ǝ μΰϰ<"/ Ω "ΰΰ"ΰΰ/ Ǝ " '!!%ΰ...ΰΰ%ΰ/ ΩƎ "ΰΰΰ'ΰΰ/ Ǝ (II) μΰ '!!ΰ / ʘ ‡ΰ!!""™
 ʘ/ ‡!!"ΰ/ .

Ç Ü!™£ / n ‡Ü! / μŰŰk <''' / ΩÜ!!ŰŰn ŰŰŰ.n'' £ RM ™μ / £ (W = <'%' , μŰŰ!! " Ű' " Űk / £μ!'')
μŰ'' ŰŰŰŰŰŰŰ / (II) " Űk / ‡ / ! / '' ŰŰŰŰŰŰŰ / (IV).

Ç Ü! Ƨ£ ðñ' ù" £ ʋ' ð" £ <' Ƨ ù' !/ £ " ð ù' ʋ ñ/ £ µ ð ð " " !/ " ð " " !/ .

Ç Ü!™Œ Ü!!Üöⁿ ÜŰÜ.ⁿ% £ Ü'ⁿ ‡Ü!"/ Ω <'%% µ' !/ £ " ÜŰü'Üⁿ/ £ (R₃SnLi) µŰ
Ük"£<Ük/ ‡/!!"ü"/.

၎င်းတို့သည် အောက်ပါအတိုင်း ဖော်ပြထားပါသည်။

ပို!! ဟိုပို ပိုပို... ဖို့! Cl / μ, ပို့! μပိုပို << . . . !! / £" < ပိုပို' < . . / μ, ပိုပို X (HO⁻, RCO²⁻, RO⁻ " < ဖို့.).
 နံ ဖို့ !! ပိုပိုပိုပို < " TMC ပိုပိုပို / (!! / £" < ပိုပို' < /) ပိုပိုပိုပို / !! ပိုပို ပိုပို / n ပိုပို / " ပိုပိုပိုပို", ပိုပိုပိုပို

[illegible]



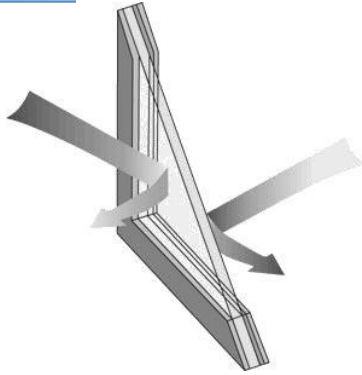
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[illegible][illegible]



ÓF OT& Ú!e ũŨ%&! ũŨ..†/ > ..P&!!"Ů [52,53]

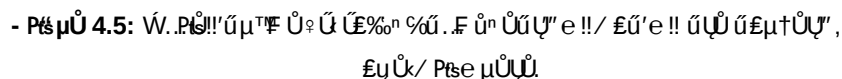
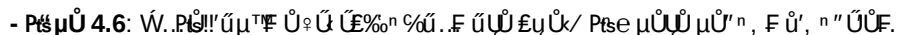
Ÿ/ > ..P&!!"Ů " ŨŮŮ>/ ‡"	μ ⁿ , ũ...	- Ω% / F OT
- ŨŨ%&/ %/ ' ..ŨF PVC	- ŨŨ%&/ %/ " ..Ũ ... !!Ů!!Ů ũŨ.. %& > / " ⁿ ŨŮ"Ů"Ů ũŨ ũŨ %&F	R ₂ SnX ₂ , RSnX ₃ R=Me, Bu, Oct
ŨŮŮŮ ΩŨF	Θ%ŮŮ P&!!Ů...Ů!!ŮŮ ⁿ , ũŨ%&!, %/ <εμŮ' ũμ ^T F	R ₂ SnX ₂ , RSnX ₃ R= Bu, Me, Oct
Ũ† ⁿ / Ptsμ ^{'''} ,	ŨŨ" ..Ũ" ŮŨŨ/ , ŨŨŮ μ ["] ŮŨŨ/ , Ũ" Ů ⁿ Ũ" ŮŨŨ/	R ₃ SnX R=Bu, Ph, Cy
- ε!!Ů ⁿ ..Ů", ~Ω/ ε	Θ!!Ů μ ["] ŮŨŨ/ , μŨ" ..Ů" ŮŨŨ/	Bu ₃ SnX
Θ%ŮŮŮ ‡ŨŮ"Ů ‡εŮŮ/ Ω	-μ' !!Ů SnO ₂ ũŮ†ε, <'!!ŨF ŨŮ'Ů, !!ŮŨF	Me ₂ SnX ₂ , RSnX ₃ R=Me, Bu
Ÿ ⁿ / ũŮŮŮŮε<'""e!! (%Ů ŮŮŮ, Ů' ⁿ μŮ, P&Ů Ů)	ŨŨ" ..Ů" ŮŨŨ/ , ŮŮ ‡ ["] ŮŨŨ/ , †ŮŮ Ů ⁿ / " ŮŨŨ/	Bu ₃ SnX
Θμ %/ ŮŮμ ^T F εŮŮŮμ, Ů%&!	Θ!!Ů μ ["] ŮŨŨ/	Ph ₃ SnX
ŸŮ..Ů/ Ů/ ŮŮŮ	Ũ!!%& μ'!!%&™	Bu ₂ SnX ₂
-ŮŮŮ/ P&e μŮŮŮ	Ÿ/ " ŮŨŨ/	Bu ₃ SnX R=Bu, Ph

[illegible]



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ງ- ຄືມຸ່ງ, ຄືມຸ່ງ/ ປະມຸ່ງ (conventional paints, Free Association Paints, FAP): ງ ັ, ັ...
 ງ! ຄືມຸ່ງ/ ປະມຸ່ງ, ງ! ປະມຸ່ງ!! “ ງ! ັ!! %F ມຸ່ງ ຄືມຸ່ງ ມຸ່ງ ຄືມຸ່ງ ັ... ັ... ັ... / “ ມຸ່ງ
 ມຸ່ງ ມຸ່ງ ມຸ່ງ / ມຸ່ງ! ... ມຸ່ງ... / ຄືມຸ່ງ. ຄືມຸ່ງ ມຸ່ງ ຄືມຸ່ງ ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ...
 “ ມຸ່ງ ມຸ່ງ... ມຸ່ງ, ... ມຸ່ງ ມຸ່ງ... ມຸ່ງ ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ... ມຸ່ງ...
 ມຸ່ງ... “ ມຸ່ງ! ມຸ່ງ/ < ມຸ່ງ, <... ມຸ່ງ%F ມຸ່ງ! ມຸ່ງ ມຸ່ງ ມຸ່ງ%F! ມຸ່ງ! ມຸ່ງ ມຸ່ງ! / ມຸ່ງ ມຸ່ງ ມຸ່ງ...
 ມຸ່ງ ມຸ່ງ ມຸ່ງ ມຸ່ງ ມຸ່ງ ຄືມຸ່ງ/ ປະມຸ່ງ ມຸ່ງ. ງ ມຸ່ງ, ມຸ່ງ ມຸ່ງ ມຸ່ງ/ ມຸ່ງ ມຸ່ງ ມຸ່ງ... ມຸ່ງ, ມຸ່ງ ມຸ່ງ ມຸ່ງ ມຸ່ງ
 “ ມຸ່ງ. / ມຸ່ງ ຄືມຸ່ງ/ ປະມຸ່ງ, ງ! “ ມຸ່ງ! ມຸ່ງ ມຸ່ງ %F 12 ມຸ່ງ!! ມຸ່ງ.

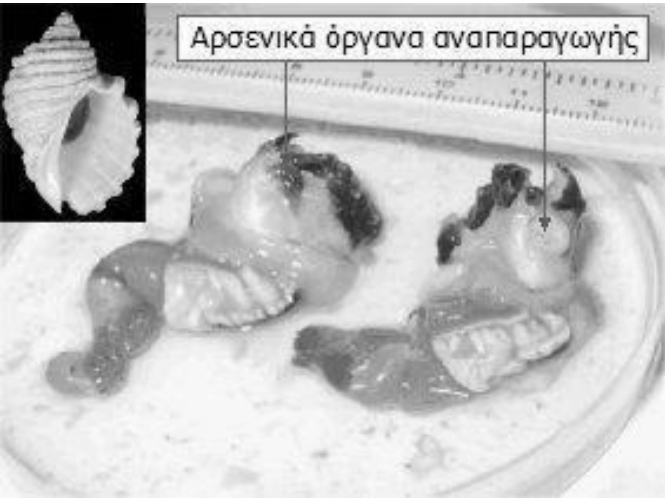
[illegible][illegible]

w "UuUw/F uU..! U!! TM #U!...muUk<'"" U £ µ' n u" ' P!S Uº/ ãUºP!S TM U!!Uº ãP!S", µ...U'"" TM.
 ãº TM U.., <<...µU', U U'""/ </ ‡"" TM ºn/ u"< U%! w- U!!Uº º/ <Ω ãΩ!%µ ã' TM UºUº Uº Uº Uº TM
 º/ <</ ΩF ºUº, ‡/ !!U.F. w' w- U!!Uº ãU..‡U!"" U £F µ' n u" U'"" F U!e ãUF "Uº ..U'"" TM.Uº U £F
 º/ ""<Uº U!!/ </ ‡Uº µUº Uº Uº F "Uº Uº!! Uº!%µ TM U%! £º/"UºUºUº!! R. ãU!"" , / ' U'-
 £º/"UºUºUºµ' !!UF w- ºUº/ £U', •/ £!! U.µUºUºΩUº ..U'"" TM.Uº Uº Uº TM º/ 'Uºº º/ Uºµ' n u"
 RnSnX4-n (Y'!!Uº UºF 4.3).

Y'!!U''UF 4.3: ÜÜ!ÜÜ.y™ÜÜ™...ü'ÜÜÜÜÜFÜÜ'"e!!w- Ü!eÜÜ%!!ÜÜÜ/£nÜ/£F

OT	LD ₅₀ (mg kg ⁻¹)	OT	LD ₅₀ (mg kg ⁻¹)
Et ₃ SnOAc	4	Hex ₃ SnOAc	1000
Me ₃ SnOAc	9	(Bu ₃ Sn) ₂ O	150-234
Me ₃ SnCl	13	Bu ₃ SnOAc	380
Me ₃ SnOH	540	Bu ₂ SnCl ₂	100
Me ₂ SnCl ₂	74	BuSnCl ₃	2140
MeSnCl ₃	1370	Bu ₄ Sn	>4000
Ph ₃ SnOH	125	Oct ₄ Sn	50000

/ Ε (MBT) ‡ΰΨ ΕΕ Εΰⁿ ΤΨ/ ΕΕ/ ⁿ ‡ΰ!!'ύμ/ ΩΕ μΰ'""' Ε ΰ⁹ ΤΨ
 , < ‡..."ΰ 25 mg L⁻¹ ‡ΰ Ψΰ ‡ΰ'Ψ.ⁿ"ΰΰ. Γ' μΤΨΕ!!ΰ...Ψ!!
 Εΰⁿ ΤΨ'Ψ!! ΰΕΰΨ.μ, Ψα! ΰ⁹ ΤΨ-γ- "ΰ - PhT μ⁹/ ⁿ Ψ !!ΰ ⁹ⁿ/ "ΰ' ΰΨ Ψΰ'Ψ, Ψ/ ⁿ ΰ ΰΕμ⁹ Ψ μΰΨΰ
 ΰΨ ΕΕ/ ⁿ ‡ΰ!!'ύμ/ ΩΕ/ ' / ⁹/ Ψ' ' Ρεε!! ⁹ⁿ/ ΰ†<..%Ψ. - ΰ ⁹Ψ, ‡%‡ΰ Ψ Ε - Ψ- ΡεΨ ΰ'Ψ.ⁿ"ΰΨ."ΰ!
 %Ε/ ' Ψ-"" ΤΨΰ Ψ/ ΕΰΨΕ ⁹/ Ε/ , !!%⁹%⁹/ Ε ΰ/ ΡεεΨΕΰΰΰΨ %Ψ, ΰΰ/ ⁹Ψ'†, <</ !!, ΰ‡!/ e!!ΨΕ
 Ψ!! Ψ-"" ΤΨ.Ψ Ψ ΕΕ. Η/ -Ψΰ Ψ-"" ΤΨ.Ψ (LD₅₀) Ψ Ε TBT ΰΰΕΰ, Ψ!/ ΕΕ/ ⁿ ‡ΰ!!'ύμ/ ΩΕ ⁹/ ""⁹ Ψ
 ΰ⁹ ΤΨ<0,1 ' %Ε 1800 μg kg⁻¹. - Ψΰ/ ΰΨ ΰ' ΤΨΰ μΰ,/ - Ψ- Ψ⁹'ΰⁿ, ΰΨ μΰΨ†/ <'ΰμΤΨΨ Ε Ca²⁺ μΰ
 ΰ⁹/ Ψ<ΨΰμΰΨ!! ΰΨΰ'Ψ"" ⁹, Ρε!!ΰ...Ψ Ε "ΰ Ω/ ΕΕ"ΰ Ψ %⁹!!ΰΨ ΰ⁹ ΤΨΰΨΨΕ"ΰ.



- Ρεμΰ 4.7: ΰ.ε" ΤΨ(ΰ'ΰΨ,) "ΰ ΰΨΰΨ" ΤΨ(ΰΨ',)/ ΰΨ ΰ' ΤΨΰ μ⁹ ⁹/ Ε ΰ!!" ΰ ΰΨ!!/ μ, ΰΰ ffThais
 Orbitaff (ΡεΨ'Ε"⁹ < ΕΨ/ Ε).

[illegible]



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44

[illegible]

4.5.1 မှ်ပျံး ၵ/ ၵ, "ပျံး ပျံး ပျံး...ပျံး!! ပျံး- ပျံး ပျံး ပျံး, <</ !! "ပျံး ပျံး ပျံး/ ၵ ပျံး!! ပျံး ပျံး ပျံး

[illegible]



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၀၂၆ - ယ် - ယ်ဉ်, ယ် ဉ် ယ် ယ် / %ဉ်ဉ် (< ' μ, !! ' ယ်, μ ယ် !! ဉ်, ယ် ယ် ဉ် ယ် μ ' ဉ် . ယ်)

	၂ μဉ် . ယ်ဉ်ဉ်	Ý, P%F '•" μ.	- ý -
		[cm]	[ng Sn g ¹]
ý ယ်ဉ် " " ယ် ý ဉ် ယ်ဉ်, < ယ်ဉ်ဉ်	1997-1998	-	33-6,970
- ယ် " P%μ... < ' μ, !! ' ယ်, - / ဉ် . ယ်ဉ်	2007	0-2	27-533
ý ယ် " ဉ် e !!... < ' μ, !! ' , ယ် ယ် !! ' ယ်	2002	0-5	98-4,702
W%ဉ်ဉ် ဉ်, < ' μ, !! ' ယ်, μ ယ် !! ဉ်	2004	0-10	37-4,402
W ယ် !! ဉ်, < ' μ, !! ' ယ်, ယ်ဉ်ဉ်	2003	0-2	43-39,300
W%ဉ်ဉ် μ ယ် , ' , < ' μ, !! ' ယ်, ယ်ဉ်ဉ်	2000-2002	-	2-6,894
W% ယ် / ဉ် W% / ဉ် ' , ယ်ဉ် % !! ' ယ်	2005	-	8-5,740
W μ ' !! ဉ်, ယ် ယ် ဉ် μ ' ဉ် - ယ် , !!	2001-2004	-	1-3,505
W ဉ်ဉ်ဉ် ယ်ဉ်ဉ် μ ယ် !! ယ်, ယ်ဉ်ဉ်ဉ်	-	0-20	90-3,587
W μ, !! ' ယ်ဉ်ဉ် !! ယ် , Ý / < % !! ' ယ်	2008	0-5	13-15,780
W !! ယ် !! ' ယ်, < ' μ, !! ' , Ý / < % !! ' ယ်	2008	0-5	8-1,910



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n ƳE!!Ƴ' PxsE!! Ƴ''' Ƴ!Ƴ %%% Ƴ!Ƴ !! < Ƴ'Pxs Ƴ.Ƴ Ƴ'μTMƳE!! Ƴ.Ƴ
 Ƴ!Ƴ Ƴ'Ƴ ".Ƴ<.) "Ƴn%Ƴ Ƴ♀TM Ƴ!! - PhT, / / ♀/ℳƳ Ƴ!! Ƴ!
 Ƴ...[84]. Ƴ' Ƴ Ƴ... ♀n/ ƳnTM Ƴ.Ƴ Ƴ%!! w- Ƴ!Ƴ Ƴ'cP/ ΩƳ! Ƴ!

[illegible][illegible]



- Ρεμύ 4.10: Υ.τ' Ε' "%ω.Ε ψ Ε Ό!!%e φ'!/ Ε/ " φΌ!!'ύμ' Ωύψ w- Ό!e ύΌΕ [52].

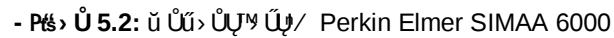


Γ μǝ . 1/6/ 2010	ǝ- : - ri-ǝ- , - ǝ- , - PhT	Ǟ ‡'ǝǝ.- ‡ǝ" . 0,1% w/w Sn
- ǝǝǝ	Ǟ Ptsǝ ǝ/ ǝ™ǝǝǝǝ μ/ ‡' F	
ǝǝ ǝǝǝǝ...ǝ/ ‡ "‡" </ ǝ ǝ/ Ω! ǝǝ ǝǝ ǝ™/	Ç — " ǝ...‡/ " ǝ™ǝǝǝǝ ¹ ǝǝ ǝ ǝ/ ǝ™ǝǝǝǝ Ǟ ǝǝǝ ǝǝ ǝǝǝ!!ǝ ‡ǝ	Ç Ǟ...ǝ<ǝ ‡", μǝ'<, ǝ'ǝ Ç - ‡ǝǝ ǝǝǝ/ ‡ǝǝ'e!!
Γ μǝ . 1/1/2012	Diocetyl-tin (DOT)	Ǟ ‡'ǝǝ.- ‡ǝ" . 0,1% w/w Sn
- ǝǝǝ	Ǟ Ptsǝ ǝ/ ǝ™ǝǝǝǝ μ/ ‡' F	
ǝǝ... ǝ/ ‡ ǝ ǝ/ μ..%ǝǝǝ ǝ ǝǝ Ω"/ '!!™ǝ	Ç ǝ' ‡ǝ ǝeǝǝǝǝǝǝǝ ǝǝ μ/ Ωǝǝ	
‡ǝ, ǝμǝǝ ǝ/ ‡ ' ǝ Pts!!ǝǝ ǝǝ ǝǝǝǝ " μǝ ǝ	Ç ǝ, !!ǝǝ PVC	
ǝ' ǝμǝ, ‡, !!ǝǝ, ‡ ǝ/ ǝ μǝǝ ǝ/ ‡ ' ǝ Pts!!ǝǝ ǝǝ	Ç - ǝ!!ǝ, <'ǝ ǝǝ™PVC	
ǝǝǝ " μǝ ǝ' ǝμǝ, ǝ ǝ/ ǝ™ǝǝǝǝ ǝǝ'", <‡‡..‡	Ç PVC ǝ ǝ/ ǝ™ǝǝǝǝ,	
ǝ "Pts!!-ǝǝǝμ, ǝǝ!! , ‡ ǝǝ'", ǝǝ...ǝ ǝ/ !!ǝǝǝ,	Ç ǝǝ...‡ǝǝ!! " F, ǝǝǝ'" F ǝ, !!ǝǝ	
ǝǝ...‡ǝǝ!! " F, ǝ, !!ǝǝ, ǝ ǝ/ ǝ™ǝǝǝǝ ǝ'<'"/ !!e!!	Ç ǝ' ǝ"ǝǝ, ǝǝǝǝǝ ǝ'ǝǝǝ" .ǝ<.	
Γ μǝ . 1/1/2012	DBT	Ǟ ‡'ǝǝ.- ‡ǝ" . 0,1% w/w Sn
- ǝǝǝ	Ǟ Ptsǝ ǝ/ ǝ™ǝǝǝǝ μ/ ‡' F	
μ', ǝ ǝ ǝǝ...	Ç PVC ǝ ǝ/ ǝ™ǝǝǝǝ ‡ ǝ/ ǝ'..ǝ..‡, , <<ǝ PVC ‡<'", Ç ǝǝ ǝ"/ " ǝ/ <‡/ ‡ ǝǝ!!..‡, μǝ, !!'ǝ ǝ' ‡ǝ ǝeǝǝǝǝǝǝǝ, ǝ™ǝǝǝ ‡ ǝ/ ǝ..μ, ǝǝ! Ç ǝ/ <‡ǝǝǝ'", ǝǝ...‡ ǝ/ ǝ/ " .ǝ..‡ "ǝ ǝ' Pts'ǝμ, ǝǝ!	
Γ μǝ . 1/1/2015	DBT	Ǟ ‡'ǝǝ.- ‡ǝ" . 0,1% w/w Sn
- ǝǝǝ	Ǟ Ptsǝ ǝ/ ǝ™ǝǝǝǝ μ/ ‡' F	
ǝǝ...‡ǝ'" " F Pts' ǝǝǝ, " ‡ǝ <ǝǝ ǝ'™ " ǝ ǝΩ	Ç Ǟ'ǝ<ǝ " ǝ ‡<'", ‡ǝ	

ဖို'ပိစ်ဗိုဗို ခ/ န ဖို' ပိစ်!! DBT %F " ဗိုဗို ဝု.,
 မိုဗို', ခ/ ဖိုဗို PVC ဖို ဖို!! ဖိုဗိုဗို
 ဖို' < . ဖို PVC, " ဖိုဗို" ဖို, ဖိုဗိုဗို ဖို' " ဖိုဗို!!
 မိုဗို PVC ခ/ န ဖို' ပိစ် DBT %F ဖိုဗို/ ခ/ ' . ဖို

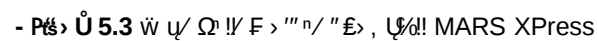
- ဖိုဗို/ " . ဖို...
 န ဖို' ပိစ်ဗိုဗို ဖိုဗို, ဖို ဖို ဖို/ ဖိုဗို
 န ဖို ဖိုဗိုဗို, " ဖို!, < ' ဖို " ဖိုဗို!!
 န i ဖို' ဖို ဖိုဗို/ ဖိုဗို/ ဖိုဗို ဖို, ဖိုဗို

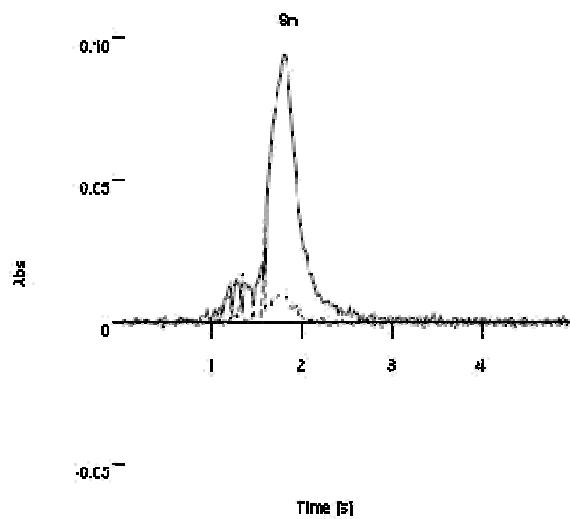
¹ ဖို ပိစ် ဖို... ဖို!! ဖို- ဖိုဗို/ " ဖိုဗို ပိစ် ဖိုဗို ဖို ဖိုဗို ဖိုဗို ဖို!! ဖိုဗို ဖိုဗို!! ဖိုဗို ဖိုဗို!! ဖိုဗို...

[illegible]

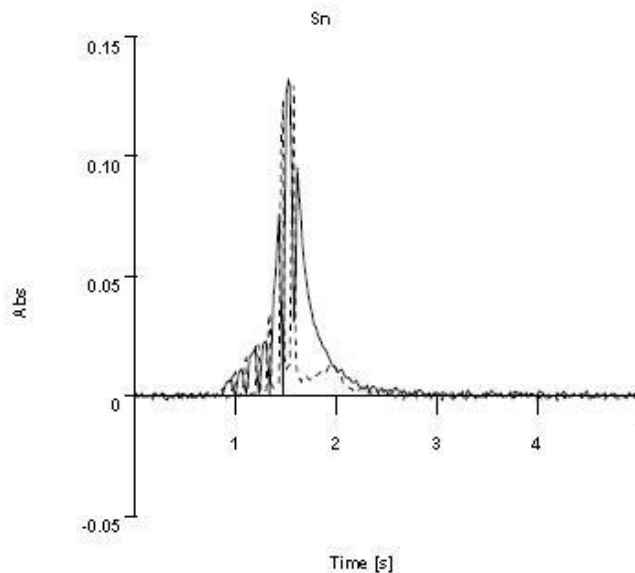
- 1600 Watts $\pm$ 15%

- [illegible]





- **Průběh 5.4:** Vzhledem k tomu, že koncentrace činidla je 200 g/L, ...
T_{pyr}=600/T_{at}=2400



- **Průběh 5.5:** Vzhledem k tomu, že koncentrace činidla je 200 g/L, ...
T_{pyr}=600/T_{at}=2400

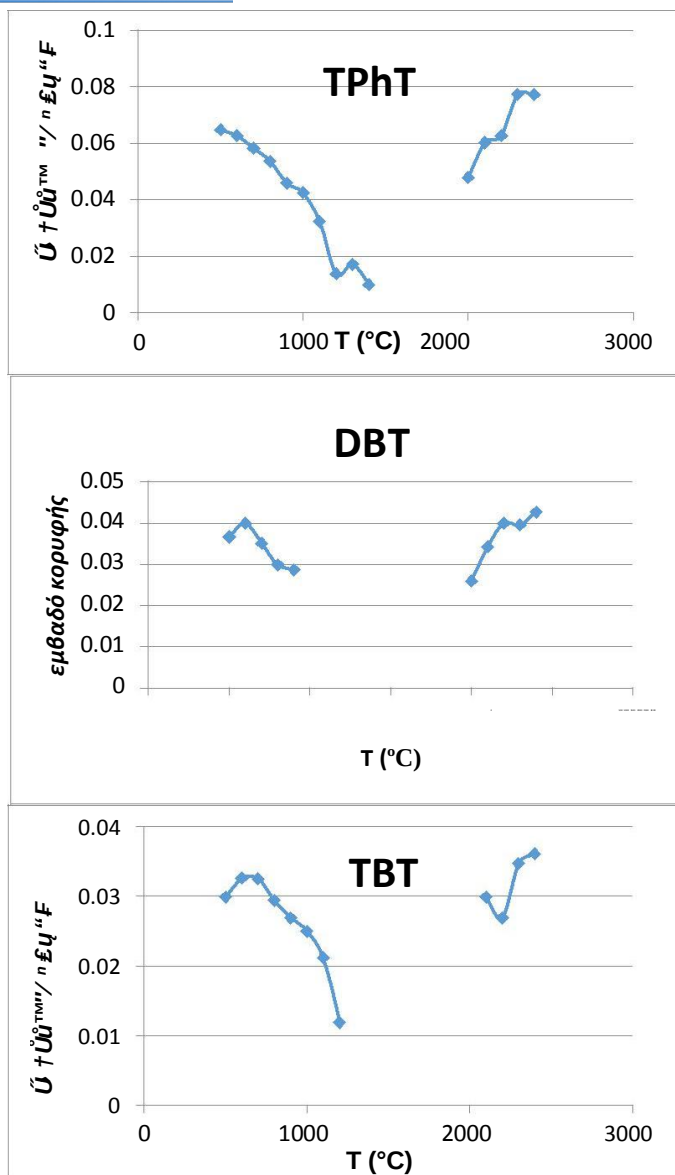


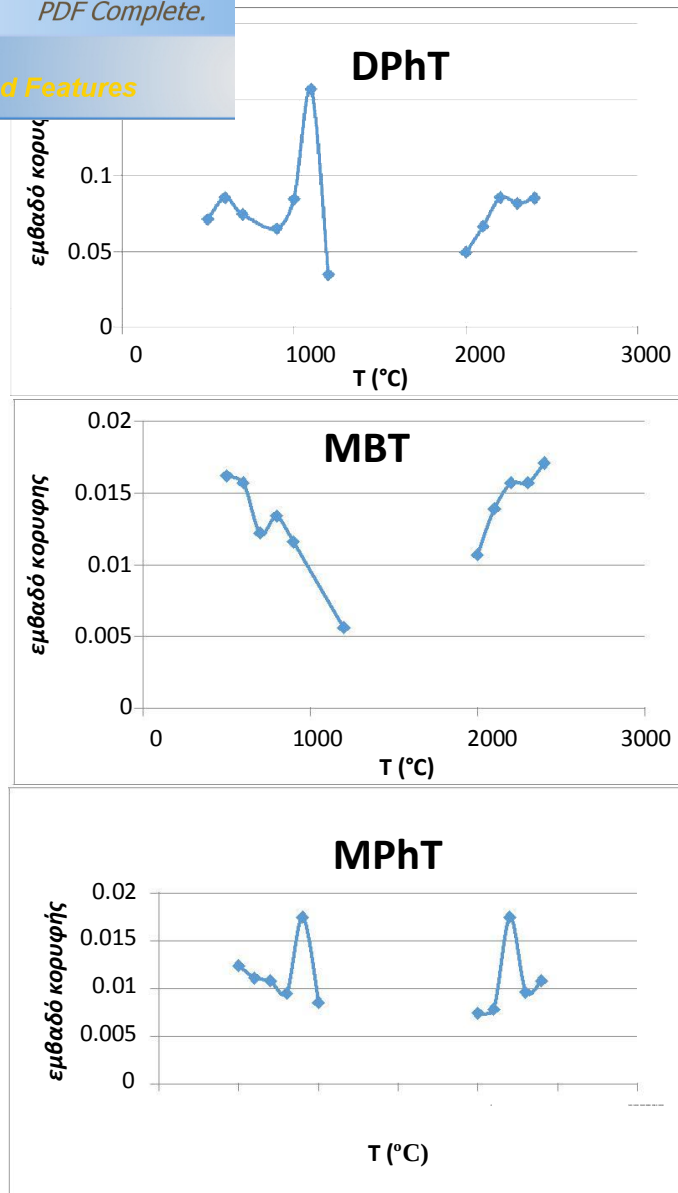
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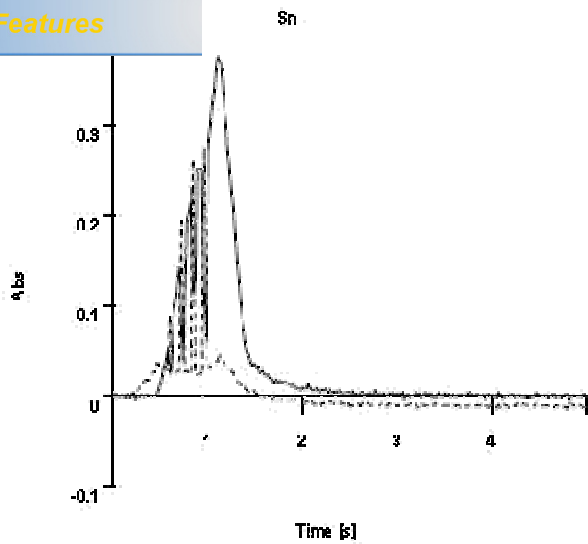
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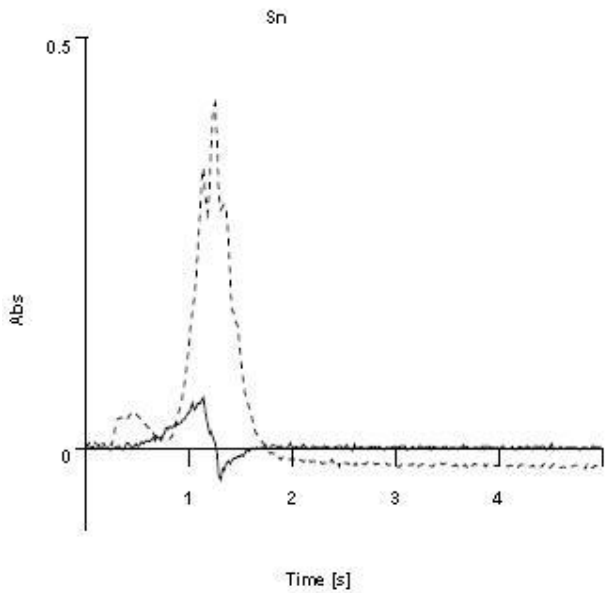


- **Ρεζ. Ό 5.6:** Η θερμική σταθερότητα των **DPhT**, **MBT** και **MPhT** μετρήθηκε με τη μέθοδο της θερμικής ανάλυσης (TGA) σε αέριο οξυγόνο, με ρυθμό θέρμανσης 10 °C/min, σε θερμοκρασία από 400 έως 2400 °C. Τα αποτελέσματα παρουσιάζονται στα γραφήματα.

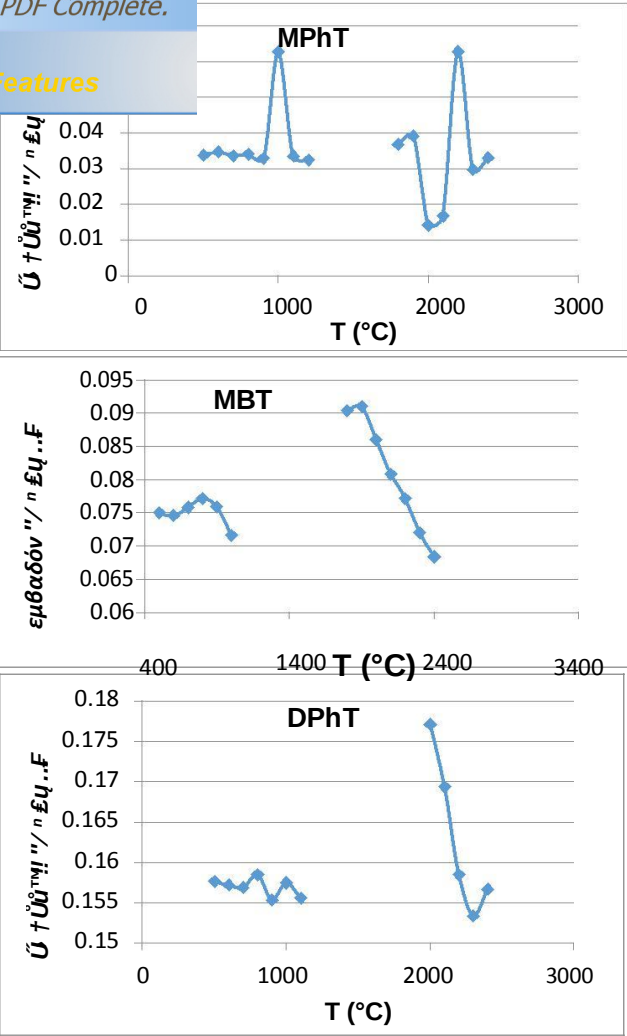
Η θερμική σταθερότητα των **DPhT**, **MBT** και **MPhT** μετρήθηκε με τη μέθοδο της θερμικής ανάλυσης (TGA) σε αέριο οξυγόνο, με ρυθμό θέρμανσης 10 °C/min, σε θερμοκρασία από 400 έως 2400 °C. Τα αποτελέσματα παρουσιάζονται στα γραφήματα.



- **Fig. 5.7:** Wavelength dependence of the absorption spectra of the Sn^{2+} complex of DPhT in H_2O solution. The concentration of Sn^{2+} is $200 \text{ } \mu\text{g/L}$ and the concentration of DPhT is $1000 \text{ } \mu\text{g/L}$. The temperature is 22°C . $T_{\text{pyr}}=1000/T_{\text{at}}=2200$.



- **Fig. 5.8:** Wavelength dependence of the absorption spectra of the Sn^{2+} complex of MPHT in H_2O solution. The concentration of Sn^{2+} is $200 \text{ } \mu\text{g/L}$ and the concentration of MPHT is $1000 \text{ } \mu\text{g/L}$. The temperature is 22°C . $T_{\text{pyr}}=1000/T_{\text{at}}=2200$.



- **Ρ** **5.9:** $\frac{\rho}{\rho_0}$ vs T for MPhT, MBT, and DPhT. The x-axis is Temperature T in $^{\circ}\text{C}$. The y-axis is the normalized density $\frac{\rho}{\rho_0}$.

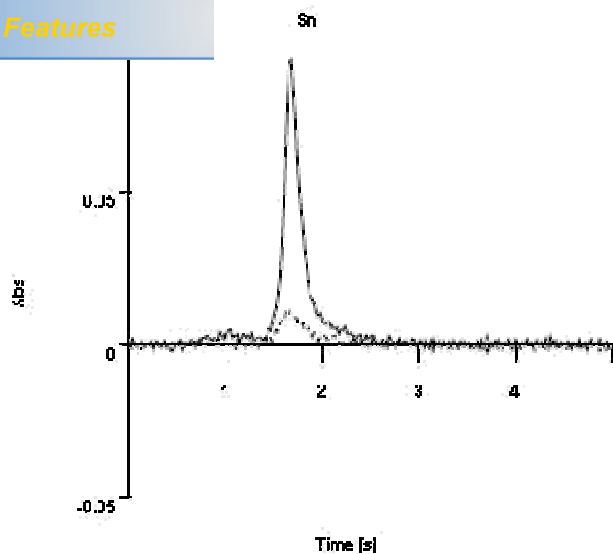
The figure shows the temperature dependence of the normalized density $\frac{\rho}{\rho_0}$ for three materials: MPhT, MBT, and DPhT. The x-axis represents Temperature T in $^{\circ}\text{C}$, and the y-axis represents the normalized density $\frac{\rho}{\rho_0}$.

For MPhT, the normalized density is relatively constant around 0.032 until approximately 1000 $^{\circ}\text{C}$, where it increases to a peak of about 0.042. It then decreases to a minimum of about 0.015 at 2000 $^{\circ}\text{C}$, followed by a sharp increase to about 0.042 at 2200 $^{\circ}\text{C}$, and finally decreases to about 0.032 at 2300 $^{\circ}\text{C}$.

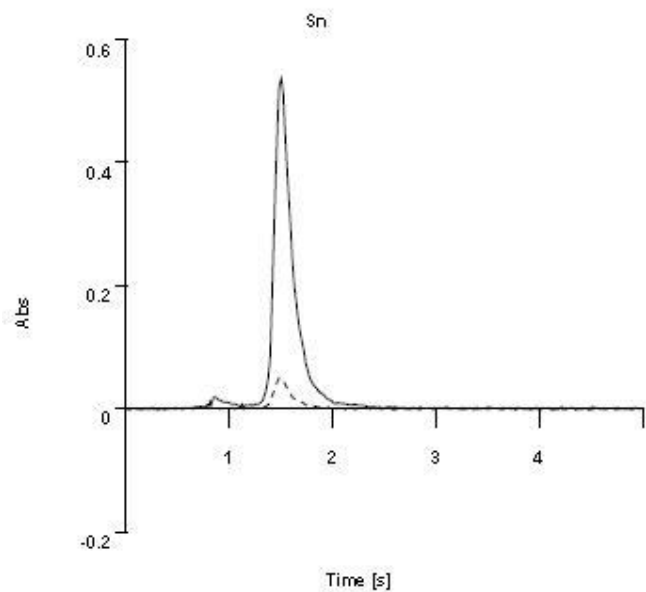
For MBT, the normalized density starts at about 0.075 at 400 $^{\circ}\text{C}$, remains relatively constant until about 800 $^{\circ}\text{C}$, and then decreases steadily to about 0.068 at 2400 $^{\circ}\text{C}$.

For DPhT, the normalized density is relatively constant around 0.158 until approximately 1800 $^{\circ}\text{C}$, where it increases to a peak of about 0.178. It then decreases to a minimum of about 0.152 at 2100 $^{\circ}\text{C}$, and finally increases to about 0.158 at 2200 $^{\circ}\text{C}$.

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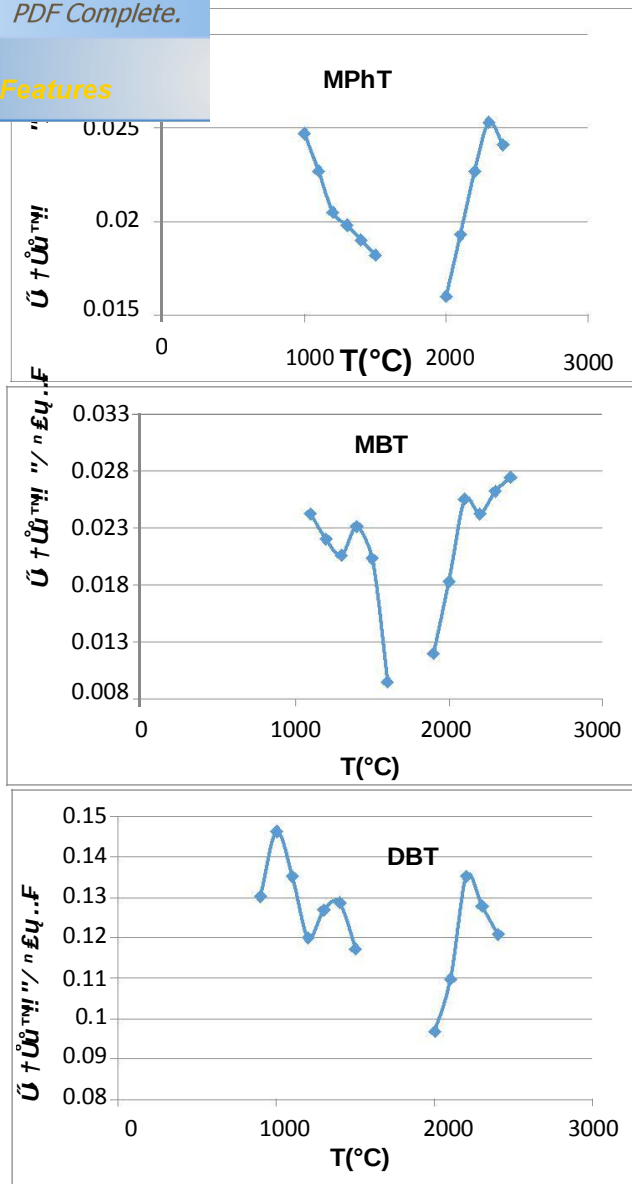
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- P5 5.11: ȳ ȳ/ n n Tȳȳ ..ȳ...ȳȳ DBT ȳȳ > ...ȳ' < ȳȳȳȳ %ȳ >/ " n ȳȳȳȳ Tpyr1000/Tat2200

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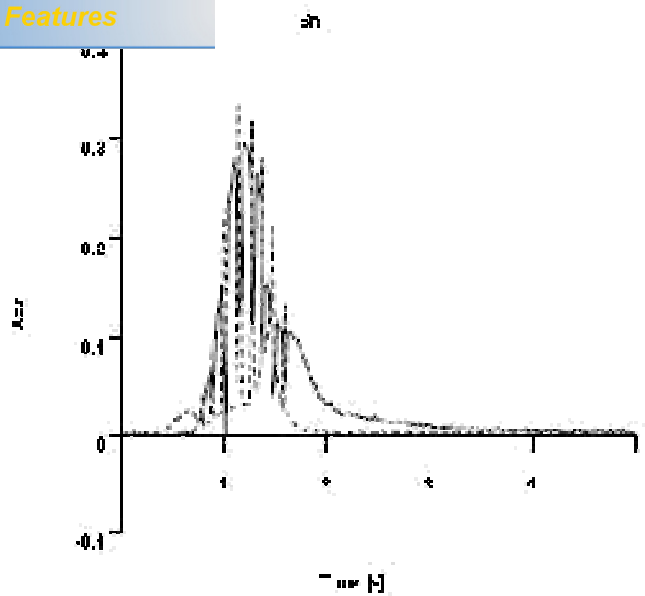




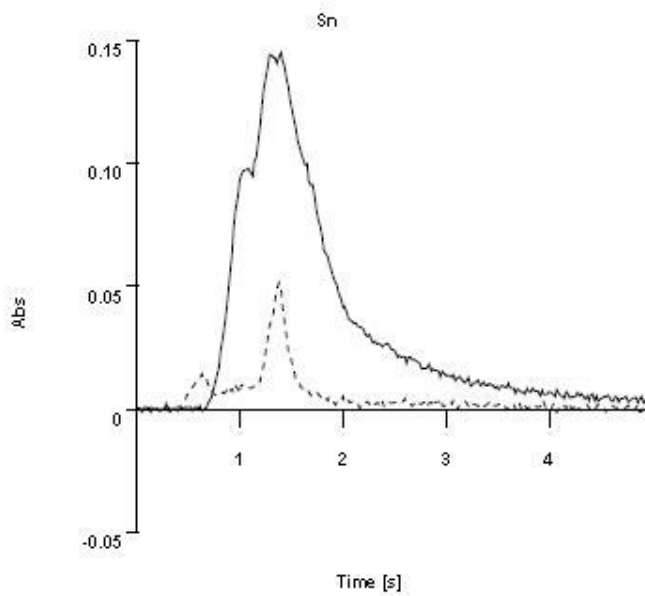
- **Рис. 5.12:** Температурная зависимость скорости реакции перекиси водорода с различными металлами: МФТ, МБТ, ДБТ. k — скорость реакции, T — температура, °С.

В таблице приведены данные о скорости реакции перекиси водорода с различными металлами (МФТ, МБТ, ДБТ) в зависимости от температуры. Видно, что скорость реакции имеет характерный минимум при температуре около 1500-2000 °С.

Температурная зависимость скорости реакции перекиси водорода с различными металлами (МФТ, МБТ, ДБТ) в зависимости от температуры. Видно, что скорость реакции имеет характерный минимум при температуре около 1500-2000 °С.

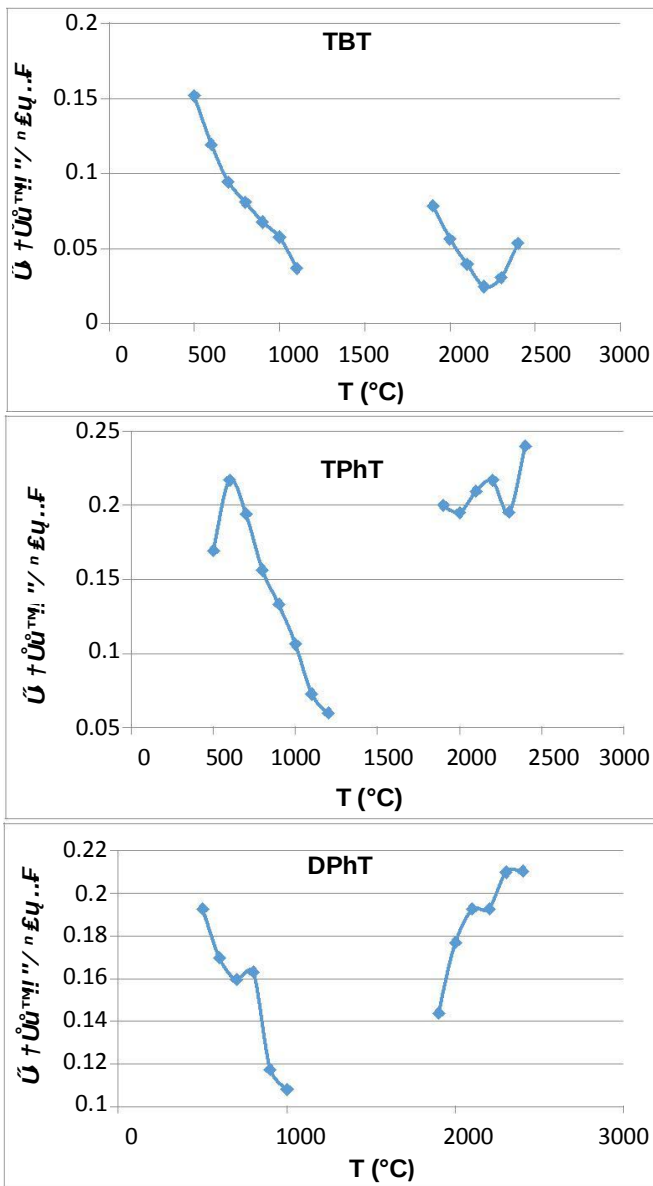


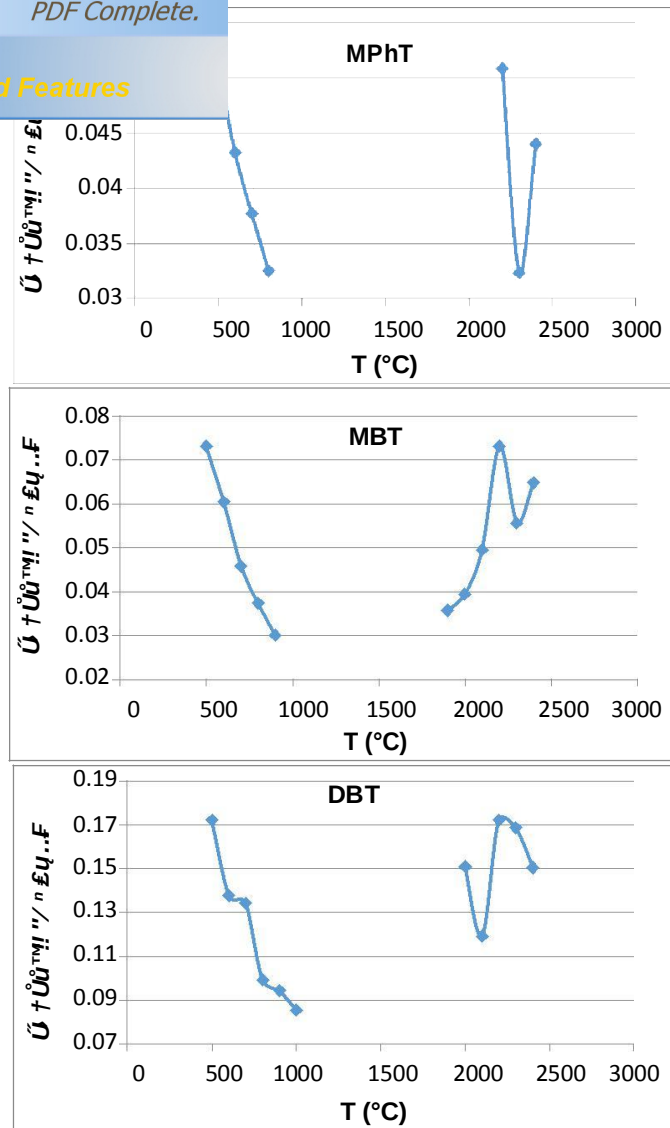
- **Fig. 5.13:** The time course of the absorbance change at 280 nm during the binding of Tpr500/Tat2200 to the TphT protein. The absorbance change was monitored at 280 nm during the binding of Tpr500/Tat2200 to the TphT protein. The absorbance change was monitored at 280 nm during the binding of Tpr500/Tat2200 to the TphT protein.



- **Fig. 5.14:** The time course of the absorbance change at 280 nm during the binding of Tpr500/Tat2200 to the TBT protein. The absorbance change was monitored at 280 nm during the binding of Tpr500/Tat2200 to the TBT protein.

1. The first part of the paper is a review of the literature on the topic of the study.
 2. The second part of the paper is a description of the experimental procedure.
 3. The third part of the paper is a discussion of the results of the study.
 4. The fourth part of the paper is a conclusion.
 5. The fifth part of the paper is a list of references.





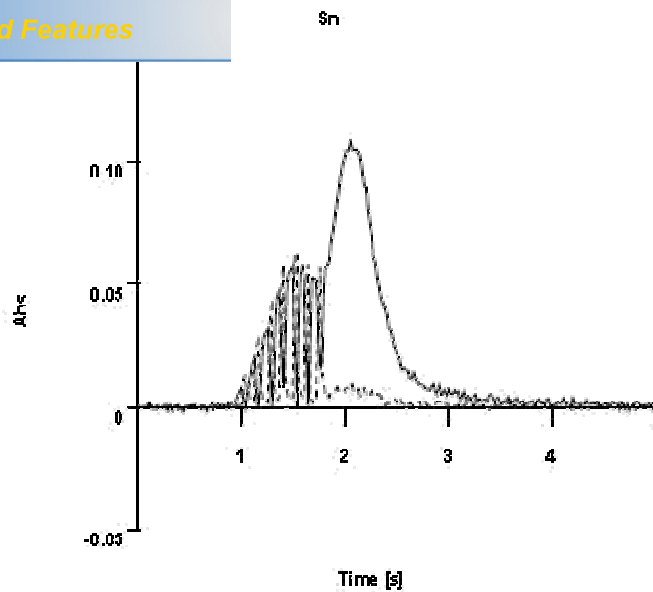
- **Рис. 5.15:** Температурная зависимость константы равновесия K для реакции $\text{Rh} + \text{HNO}_3$ в различных средах: МФТ, МФТ, ДБТ.

Видно, что константа равновесия K для реакции $\text{Rh} + \text{HNO}_3$ в различных средах (МФТ, МФТ, ДБТ) зависит от температуры. В МФТ и МФТ константа K уменьшается с увеличением температуры, а в ДБТ она сначала уменьшается, а затем увеличивается. Это связано с тем, что в ДБТ реакция протекает в более жестких условиях, что приводит к изменению константы равновесия.

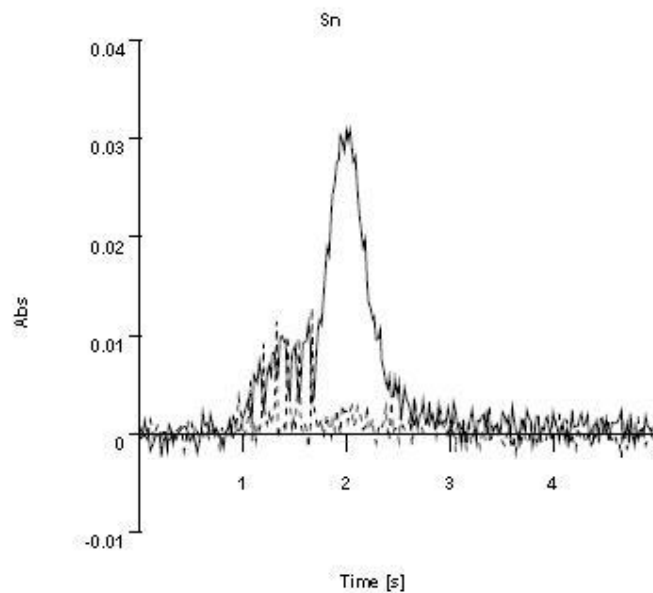
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TPhT	700	1900	324,4
TBT	600	2200	840,1
DPhT	600	2300	386,8
DBT	500	1900	584,7
MPhT	500	2200	2000
MBT	600	2200	1600

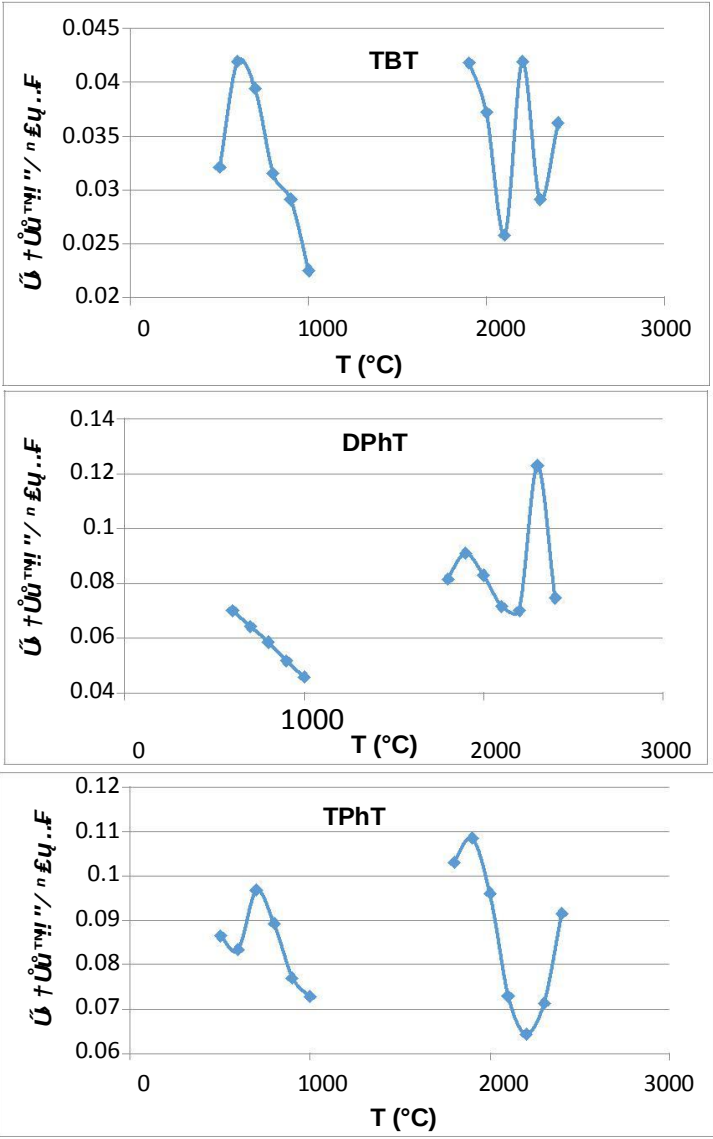


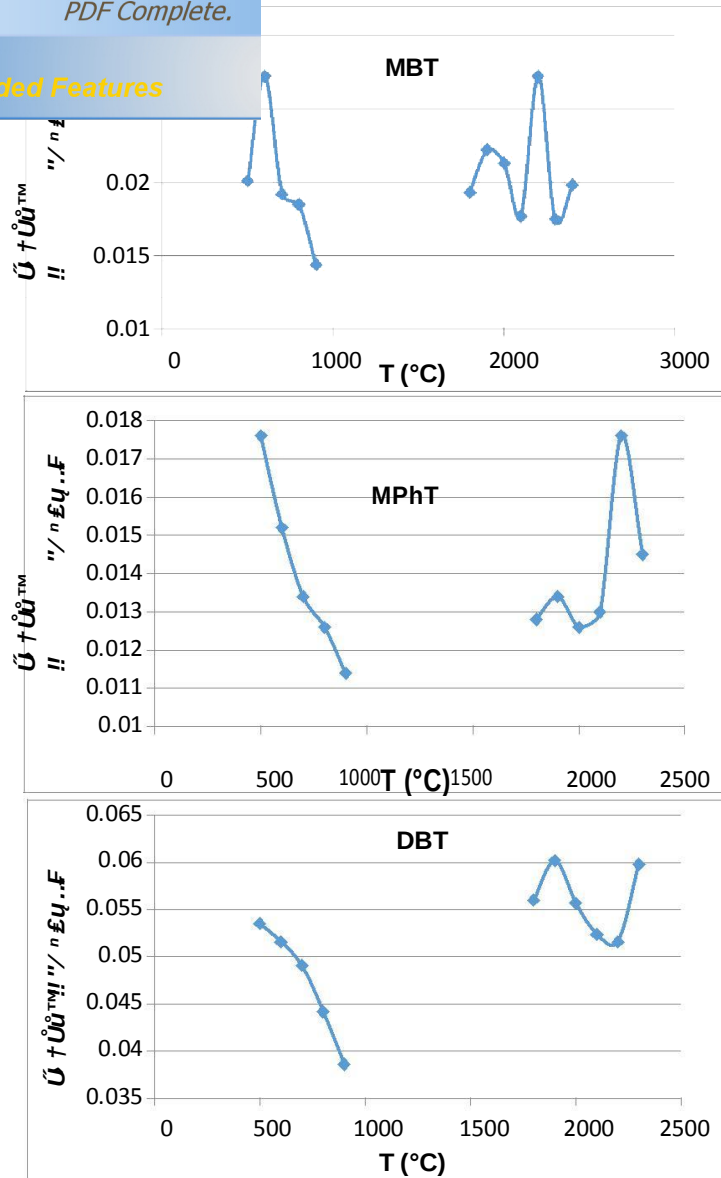
- **Fig. 5.16:** UV-Vis absorption spectra of Tpyr500/Tat2200 in water. The inset shows the absorption spectra of Tpyr500/Tat2200 in water.



- **Fig. 5.17:** UV-Vis absorption spectra of Tpyr500/Tat2200 in water. The inset shows the absorption spectra of Tpyr500/Tat2200 in water.

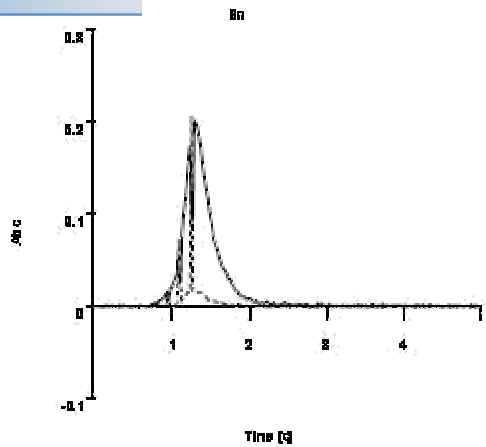
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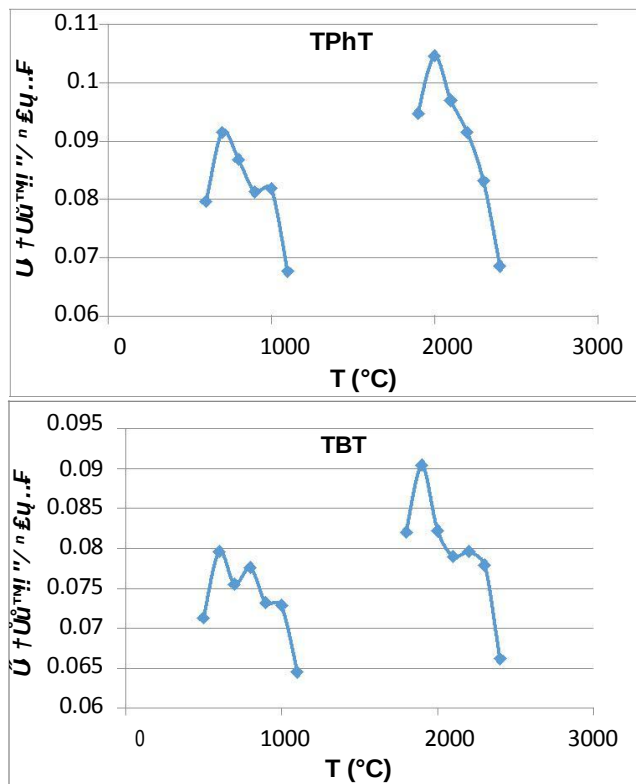
- **Figure 5.18:** Temperature dependence of the coefficient of thermal expansion (CTE) for MBT, MPhT, and DBT. The y-axis is labeled with a complex formula involving α and T .

Figure 5.18 shows the temperature dependence of the coefficient of thermal expansion (CTE) for three materials: MBT, MPhT, and DBT. The y-axis is labeled with a complex formula involving α and T , and the x-axis is Temperature T in degrees Celsius ($^{\circ}\text{C}$). The graphs show that the CTE for all three materials increases sharply with temperature, reaching a peak around 1500 $^{\circ}\text{C}$ and then decreasing. The peak CTE values are approximately 0.022 for MBT, 0.0175 for MPhT, and 0.058 for DBT.

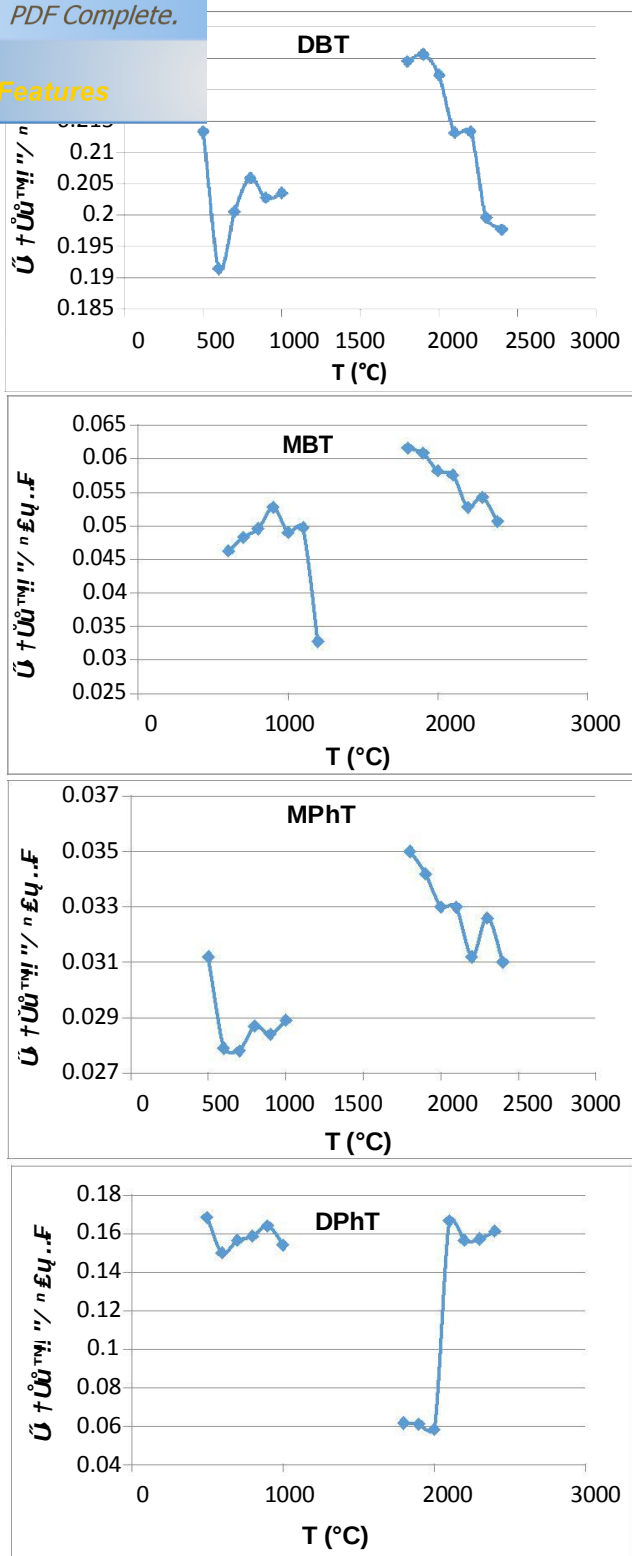


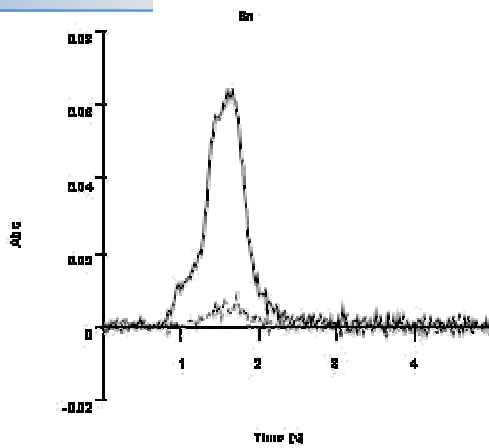
- **Pts** **U 5.20:** ΔT vs Time (min) for Tpyr600/Tat2200. The peak is centered at approximately 1.2 minutes.

- The figure shows the DSC thermogram for the Tpyr600/Tat2200 system. The peak is centered at approximately 1.2 minutes, indicating a phase transition or melting process.



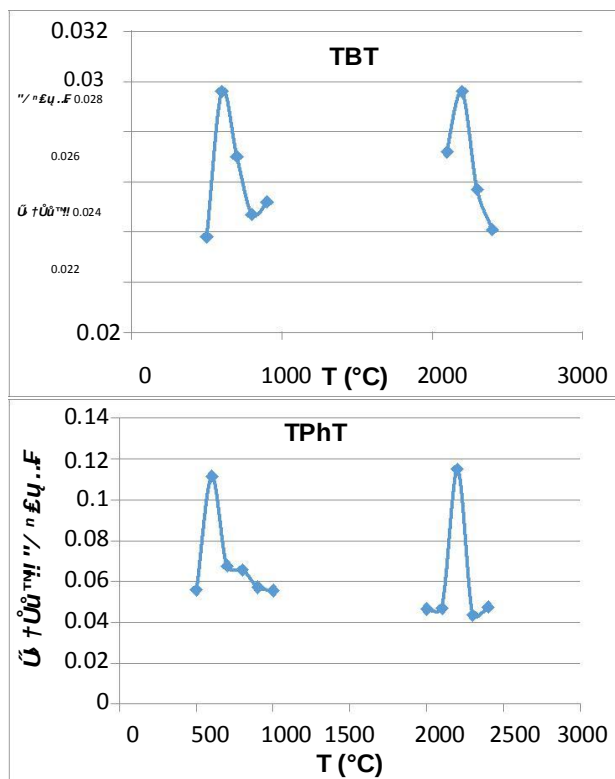
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- Pts> 5.23: n q/ n n Tm .u...t'U MBT uU> ...t' <UuU F %u>/ " n Uu"U Tpyr600/Tat2200

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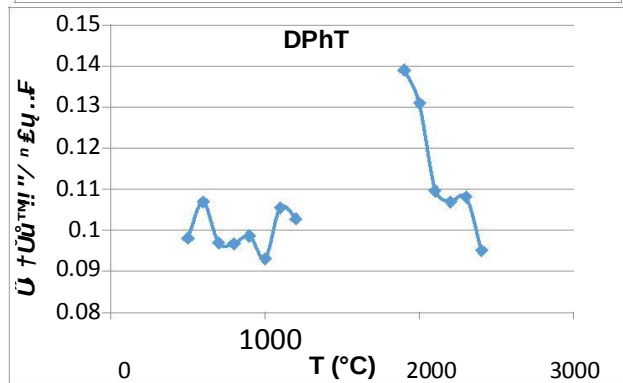
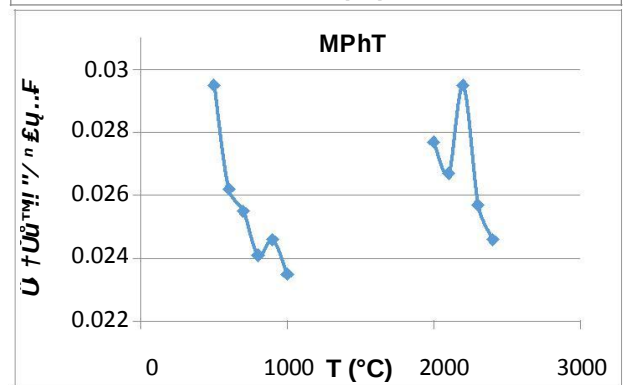
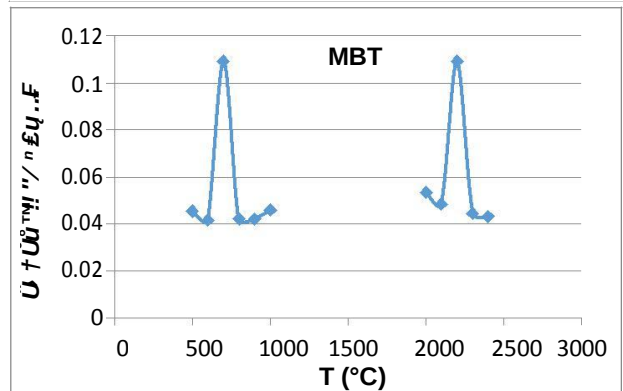


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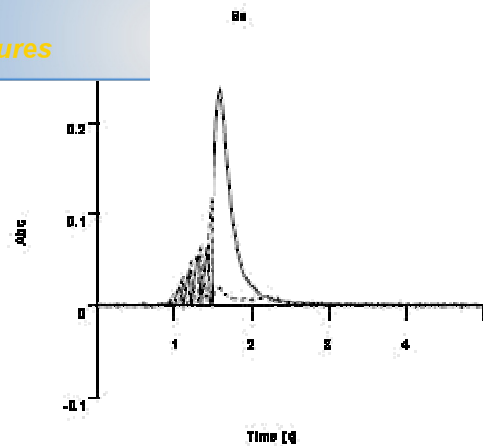
Features

DBT

T (°C)	$U + \frac{U_0^2}{n^2 E_0}$
400	0.065
600	0.055
700	0.055
800	0.050
900	0.049
1000	0.054
1100	0.052
2000	0.056
2100	0.050
2200	0.065
2300	0.048
2400	0.051

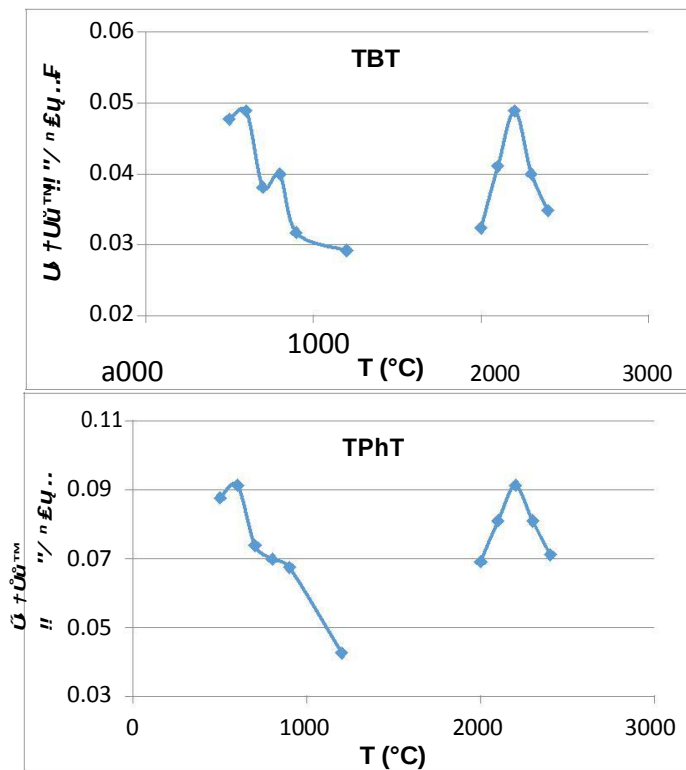


81



- **Fig. 5.26:** DSC thermogram of the sample (DBT) showing a single sharp endothermic peak at approximately 1.5 minutes.

- The sample is a mixture of DBT and Tpyr500/Tat2000. The DSC thermogram shows a single sharp endothermic peak at approximately 1.5 minutes, which is characteristic of the DBT component. The Tpyr500/Tat2000 component does not show any significant thermal transitions in this range.



DBT

$\frac{\dot{U} + \dot{U}_0_{T=0}}{n \epsilon \eta \cdot F}$

$T (^{\circ}\text{C})$

MPhT

$\frac{\dot{U} + \dot{U}_0_{T=0}}{n \epsilon \eta \cdot F}$

$T (^{\circ}\text{C})$

MBT

$\frac{\dot{U} + \dot{U}_0_{T=0}}{n \epsilon \eta \cdot F}$

$T (^{\circ}\text{C})$

DPhT

$\frac{\dot{U} + \dot{U}_0_{T=0}}{n \epsilon \eta \cdot F}$

$T (^{\circ}\text{C})$

84

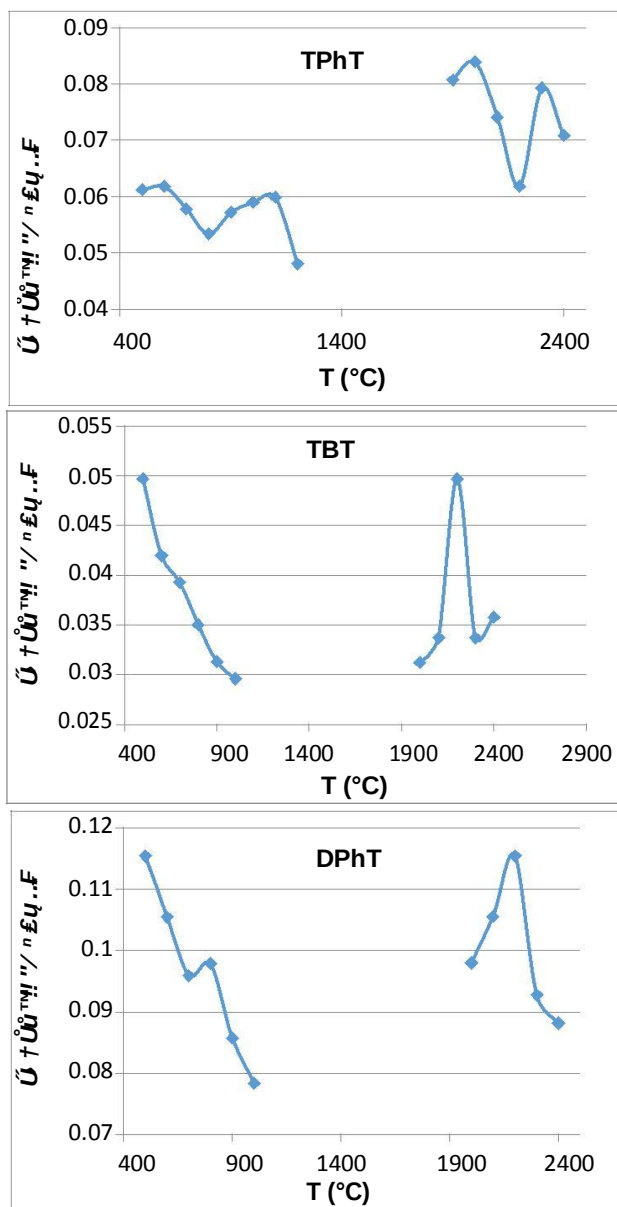
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ԿՅ ընձնձնձն- - Դ- ՕՅ ընձ Օձ_ - Դ	ՍՕՅ ձնձնձն ը- ըն Կ-ձնձն- - Դ- (°C)	ՍՕՅ ձնձնձն ը- ըն ը- ձնձնձնձն- Դ- (°C)	-ն ձն ձն Դ ձն- - ընձ ձն ըն (pg)
TPhT	600	2000	419,5
TBT	500	2200	708,2
DPhT	500	2200	410,3
DBT	500	2200	478,3
MPhT	600	2100	705,4
MBT	500	2100	405,1

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OT		(2,5 › g)	Pd (1,25› g)	Sm (5 › g)	Mg (5 › g)	Rh (5 › g)	Tm (2,5 › g)	Ir (5 › g)	Zr (5 › g)	Zr 120 › g (coating)
TPhT	Εμβαδό κορυφής	0,0773	0,2205	0,1429	0,0913	0,2399	0,1085	0,1150	0,1046	0,0832
	mo(pg)	455,4	170,0	252,0	385,5	146,7	324,4	306,1	336,5	419,5
TBT	Εμβαδό κορυφής	0,0361	0,0859	0,1048	0,0489	0,1517	0,0419	0,0296	0,0904	0,0497
	mo(pg)	975,1	456,0	335,9	1000	276,3	840,1	1200	389,4	708,2
DPhT	Εμβαδό κορυφής	0,1569	0,1903	0,1771	0,1310	0,2105	0,1230	0,1390	0,1686	0,1155
	mo(pg)	410,3	195,2	198,8	268,7	167,2	386,8	253,2	183,7	410,3
MBT	Εμβαδό κορυφής	0,0171	0,0274	0,091	0,0241	0,0732	0,0272	0,1093	0,0616	0,1370
	mo(pg)	3300	1300	386,8	1500	480,9	1600	322,0	571,4	405,1
DBT	Εμβαδό κορυφής	0,0427	0,1463	0,2121	0,087	0,1721	0,0602	0,0672	0,2256	0,1648
	mo(pg)	824,4	260,4	183,0	404,6	204,5	584,7	523,8	156,0	478,3
MPhT	Εμβαδό κορυφής	0,0175	0,0253	0,0627	0,0717	0,0508	0,0176	0,0295	0,0350	0,0499
	mo(pg)	3300	1400	561,4	490,9	692,9	2000	1200	1000	705,4

ÝÚÛ 5.12: Ý/ <<Û<, ÛÛ Û'Û Æⁿ™£ú..£ úÛ%ú>/ "n Û'£ 500/700/900 °C ‡'Û P₈™/ ££ 5/10/10 sec

၎င်းတို့သည် နယ်လွှာများကို အောက်ပါအတိုင်း ဖြည့်စွက်ရန် လိုအပ်ပါသည်။

[illegible]

Имя	Время (с)	Средняя скорость (м/с)
TPH	0,0714	493,0
TBT	0,0206	1700
DPH	0,1183	297,5
DBT	0,1556	226,2
MPH	0,0558	630,8
MBT	0,1402	251,1

Y'!!U'UF 5.17: y ũ ũ ũ ũ ♀ / "ũ...%ŵ > / "n ũ ũ"UF "n ũ!ũ..F ‡'Ũ- = 100 °C

Имя объекта	Объем, м³	Масса, кг
TPhT	0,0591	595,6
TBT	0,0174	2000
DPhT	0,1345	261,7
DBT	0,1437	245,0
MPhT	0,0500	704,0
MBT	0,1094	321,8

[illegible]

<e!! Pts>'''e!! υ/ ϕ/ ϕ/ '..υε!! ύύ! ϕύπύPαύ ύύ'%'ε> ..υ
 ύϕ/ ύύ' ύ> ύύ ύϕ/ υύύ'ύύ.."ύ...> ύύύ/ ϕ" υ%!! OTs ύ!eύύ%!! ύύύ!!™ ‡ύ!!/ "ύύύ'ύύ/ >' ύ%
 ε‡π/ Ωε‡π/ ΩύPε<'ύ... - ύύPε<'ύύ', >' ύύ ϕ/ ε> ύύύ %α."ύ! ύύ!! ϕύπ/ ύύύ ύ ‡ύύ'ύ " ύ!! υ
 !!'υ'''™/ °Ω (Γ'ώώ₃) " ύ ύύ ύε!!ύεύύ>™> ύ εϕύ/ °ύύ/ υ ε εύπ/ ‡™/ ε (H₂O₂). ηπ Pε', ' ‡'!!ύ
 Pε" ύ...Γ'ώώ₃ (1:1) (v/v). Wύύ'ύ'έυ ϕ/ ".ύ...1ml/ °' / ε ύε‡" '!!υ %ά..ε 65% " ύ 1ml ύ'ύ'έ Ω ύύ ε
 ϕπ/ υΩϕ/ ε ύε‡" '!!υ %ά..ε 200 >g/L ύ'ύ'έ> '!!/ ύύύ </ ε™/ . w Sn ϕπ/ ύύπ/ π'ύύ.."ύύ™/ ύύ!!
 εύύύ"™/ " ύ ύύ!!/ π ‡ύ!!"" ύύ'†, ύύ ‡ύ' <ύPε ύϕ™/ ύ..ε υ.ε ύPε'ύ..ε ‡ύ", %ά> 'ύ ύϕ™
 υF' °' / π ‡ύ!!/ " ύύ'ύύ'" ' F ύ!e ύύF.

Ψ'!!ύ"ύF 5.18: Θ'Pε'ύ...> ύHNO₃ 1:1 v/v

ΑΝΑΛΥΤΗΣ	ΣΤΟΙΒΑΔΑ	ΕΜΒΑΔΟ ΚΟΡΥΦΗΣ
TPT	Οργανική Υδατική	0,0651 0,0192
TBT	Οργανική Υδατική	0,0815 0,0192
DPT	Οργανική Υδατική	0,0051 0,0557
MBT	Οργανική Υδατική	0,0180 0,0398
DBT	Οργανική Υδατική	0,0327 0,0621
MPT	Οργανική Υδατική	0,0203 0,0415

η ϕ™υ!! ϕ'!!ύ'ύ 5.18 ‡'!!ύύ υύ!!ύ™ ϕ%F > ύύ..ύε‡"ύπ'> '!!...ύPε'ύ...ύύ! ύϕ'ύύPαύ εε..<"
 ύϕ™/ ύ... Ψπ/ "ύ'!!/ ε !!ύ ‡ύύύϕ ϕ/ '..%ά υ ύε‡"ύπ'> '!!/ ύPε<'ύύ™ >' ύ/
 ϕπ ύϕ ϕ/ "'%α."ύ ύPε'ύ... ύύ υ/ Ω!!/ >'π/ "ε>, υ%!, ύύ ύϕ/ ύύ' ύ> ύύ υ.ε / ϕ'ύF
 ϕύπ/ εύ', •/!!ύύ ύ' ύ%F> ύύ:

Q'ŭ...> ŪHNO₃ ūŪw/ Ωⁿ!/? >'""ⁿ/ "£> , Ū%!!

Expanded Features		ΣΤΙΒΑΔΑ	PK
TPT	$\bar{w}^n \# \bar{u}^{n+1}$	0,008	
	$-\bar{u}^n \bar{u}^n$	0,2124	
TBT	$/n \# \bar{u}^{n+1}$	0,2578	
	$-\bar{u}^n \bar{u}^n$	0,1201	
DPT	$/n \# \bar{u}^{n+1}$	0,0093	
	$-\bar{u}^n \bar{u}^n$	0,2867	
MBT	$/n \# \bar{u}^{n+1}$	0,0052	
	$-\bar{u}^n \bar{u}^n$	0,2265	
DBT	$/n \# \bar{u}^{n+1}$	0,7163	
	$-\bar{u}^n \bar{u}^n$	0,3126	
MPT	$/n \# \bar{u}^{n+1}$	0,016	
	$-\bar{u}^n \bar{u}^n$	0,6904	

[illegible]

Ý'!!Ú'ÚF 5.20: Θ' P₂ 'Ú... ÚHNO₃ "Ú Γ₂O₂ 1:1 v/v

HNO /H O /ΠΡΟΤΥΠΟ 1:1:1 v/v/v		
ΑΝΑΛΥΤΗΣ	ΣΤΙΒΑΔΑ	ΕΜΒΑΔΟ ΚΟΡΥΦΗΣ
TPT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0083
	$-\dot{u}\ddot{u}''' "$	0,1905
TBT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0188
	$-\dot{u}\ddot{u}''' "$	0,1067
DPT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0200
	$-\dot{u}\ddot{u}''' "$	0,2098
MBT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0076
	$-\dot{u}\ddot{u}''' "$	0,1623
DBT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0373
	$-\dot{u}\ddot{u}''' "$	0,1197
MPT	$\dot{w}^n \ddot{\ddot{u}}!!''' "$	0,0057
	$-\dot{u}\ddot{u}''' "$	0,7341

[illegible]

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 “”ሆ!/ ቶ/’..ሃ”, ሆቶ/ሆሰ’ሰ>ሆሰ, ቶንሆቱ ሆ ቶ/“%ሰ.ሆ!! ሆ””>’ፎ ስ’ሆሆ/ንሆሃ”e!! ሆ!!ሆ/ቶe!!
 ሆሞፍ’ሰሃ”e!! >’ሰ%!! “ሆ ሃፎ ቶን/ሚቶ/ፎ ቶን/”ሆ’!!/ፎ !!ሆ ተሰሂሂሂሃ ቶ/’..%ሰ / ሚ”/ፎ ሃፎ
 ሆሞፍ’ሰሃ”/ፍ >’ሰ/ፎ ሞፍ”ፎ ሚ%ፎ !!ሆ ቶን/”ፍሃሃፎ!! “”ሆ!/ ቶ/’..ሃ”, ሆቶ/ሆሰ’ሰ>ሆሰ. -ሆ
 ሆቶ/ሆሰ’ሰ>ሆሰ ቶሆ/ፎሰ’, •/!!ሆሰ ሰሃፎፎ ቶሆሆ, ሃ% ቶ”!!ሆ”ፎ:

ሃ”!!ሆ”ሆፍ 5.21 : ሂሂሃ “ሰሂፎፎሰሆ”“ፎ/ንቶ!!”“ፎሃ, ሰ..ፎ > ሆHNO₃”ሆ H₂O₂ 1:3”ሆ 500>|ሆቶ ሚቶን ሚሃ ቶ/
 ሰፎቱ”’!!ሃ%ሰ..ፎ 200>g/l ስ’ሆፎ>’!!/ ሰሂሃ </ፎሚ/

ከ!!ሆ ሚ.ፎ	ፍ ተሰሂፚ””/ንፎሃ“ፎ ፎሰሆ”“ፎ	ፍ ተሰሂፚ””/ንፎሃ“ፎ /ንቶ!!”“ፎ
TPhT	0,2671	0,0446
TBT	0,2844	0,0599
DPhT	0,1367	0,0593
DBT	0,1064	0,0082
MPhT	0,1434	0,0140
MBT	0,2254	0,0200

ሃ”!!ሆ”ሆፍ 5.22: ሂሂሃ “ሰሂፎ/ንቶ!!”“ፎፎሰሆ”“ፎሃ, ሰ..ፎ > ሆHNO₃”ሆ H₂O₂ 1:1”ሆ 500>|ሆቶ ሚቶን ሚሃ ቶ/
 ሰፎቱ”’!!ሃ%ሰ..ፎ 200>g/l ስ’ሆፎ>’!!/ ሰሂሃ </ፎሚ/

ከ!!ሆ ሚ.ፎ	ፍ ተሰሂፚ””/ንፎሃ“ፎ /ንቶ!!”“ፎ	ፍ ተሰሂፚ””/ንፎሃ“ፎ ፎሰሆ”“ፎ
TPhT	0,0480	0,3965
TBT	0,0933	0,4497
DPhT	0,0192	0,4582
DBT	0,0255	0,1097
MPhT	0,1856	0,2690
MBT	0,2629	0,3022

ages and Expanded Features

Y!!U!U!F 5.23: WUJ " dUF > UPts " d...U!U!!? £ %F U!U! £UJ.†U! q U! U! " £ " qn/ Uq %!! 200> g/L
"U! U!q £%U!F > ' U!..d...

Инициалы	Время от начала до конца	Время от начала до конца
TPhT	0,4516	77,9
TBT	0,4473	78,7
DPhT	0,4217	83,5
DBT	0,3529	99,7
MPhT	0,2199	160,1
MBT	0,4250	82,8

[illegible]

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$\frac{1}{2} \text{H}_2\text{O}_2 + \text{HNO}_3 \rightarrow \text{H}_2\text{O} + \text{HNO}_2$

Method	Number of iterations	Number of iterations (pg)
TPhT	0,1682	195
TBT	0,0955	368,6
DPhT	0,0855	410,4
DBT	0,0836	421,1
MPhT	0,1228	286,6
MBT	0,1109	317,4

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Y'!!U'UF 5.25: WU " UUF > U_{♀n} TM_♀/ WY - 500 > L

<u>Wθ-γΓ'-Γ'</u>	<u>ΘWγγιμψ</u> <u>Wγγγ-γΓ'-</u>	<u>ΘWγγιμψ</u> <u>-γWγγιγWγ-</u>	<u>-γγγιWΓ'γΓ'-rWΓ'</u> <u>Wθθγ</u>
1	0,1101	0,0084	319,7
2	0,1073	0,0087	325,4
3	0,1192	0,0129	295,3
4	0,1565	0,0096	224,9
5	0,1169	0,0093	301,3
6	0,1111	0,0087	316,8

- ပံ့ပံ့/ ယူ' ယူ ပံ့ပံ့" n %oo. ပံ့!! 'ပံ့'ပံ့ယူ ပံ့''' ပံ့/ ဖ/ ' ..ပံ့' , .

!! 500 ml

5.27: 1 L, 12,5 g NaCl, 25 mL CH₃COOH (100% v/v) " 500 ml

1	0,0323	1100
2	0,0281	1300
3	0,0274	1300
4	0,0235	1500

5.28: 0,5 L, 12,5 g NaCl, 25 mL CH₃COOH (100% v/v) "

1	0,0443	794.6
2	0,0432	814.8
3	0,0399	882.2
4	0,0431	816.7

5.29:



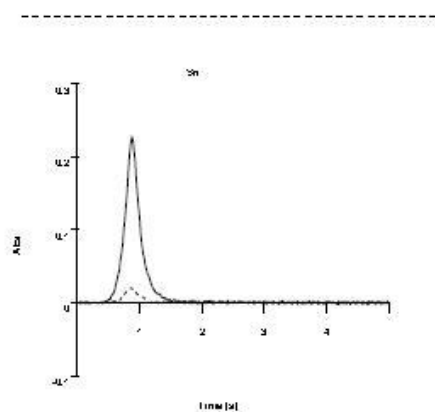
PDF
Complete

Your complimentary
use period has ended.
Thank you for using
PDF Complete.

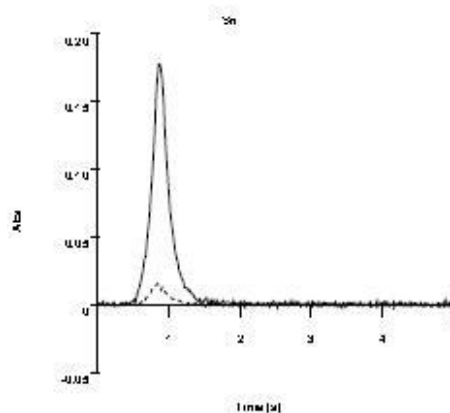
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	0.0687	550,7
- PhT	0,0687	550,7
TBT	0,0536	661,5
DPhT	0,0763	455,4
DBT	0.0592	596,6
MPhT	0,0598	590,2
MBT	0,0799	451,3

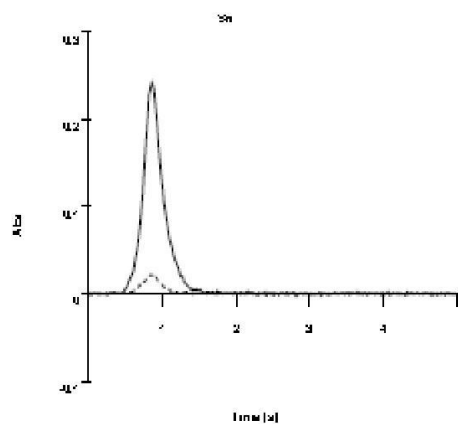
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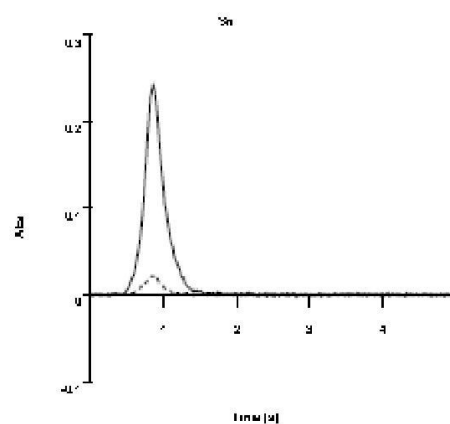
(ü)



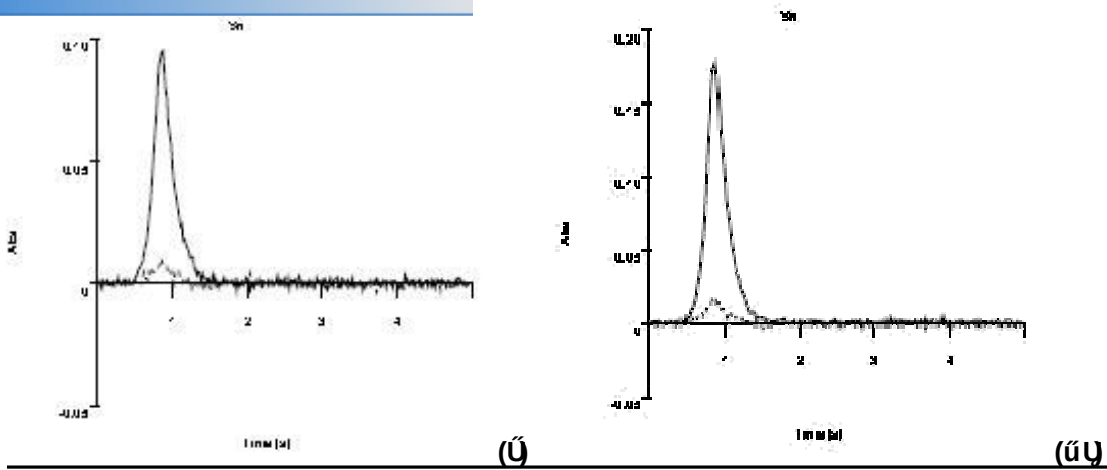
(†)



(‡)



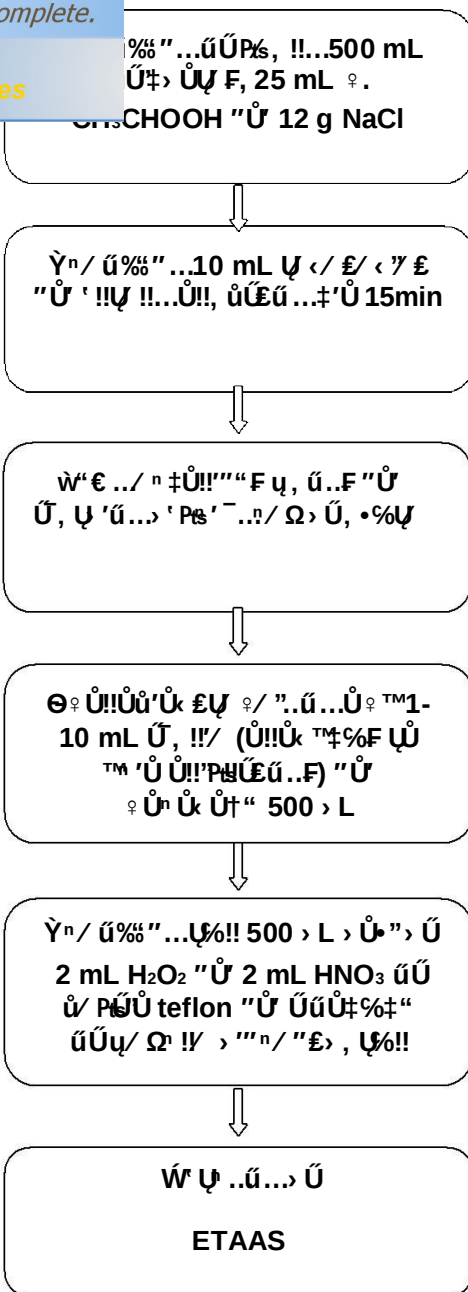
(ü)



- Pts > 5.29: In q/n n/ u " uUF " U ‡ UUF ' / n ‡ U/ " Uu'U' " F U!e uUF u%!!U> U> .> ' %u/ q/ £
q U ' ‡ n , u U U u U U " TM q n % U TM / < < / . U) TPhT, †) TBT, ‡) DPhT, u) MBT, U) MPhT, u U) DBT

Y'!!U'UF 5.30: Y_n T_n U_n > U_n / Ω_n !! / £ > "" n / " £ > , U_n!!

Power (W)	Ramp time (min)	Control Temperature (°C)	stirring	Hold time (min)
800	3:00	80	3	2:00
800	5:00	90	3	5:00



- Fe^{3+} ... 5.30: Fe^{3+} ...

6.1 6.1

6.1

 6.1

6.1 6.1

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 6.1

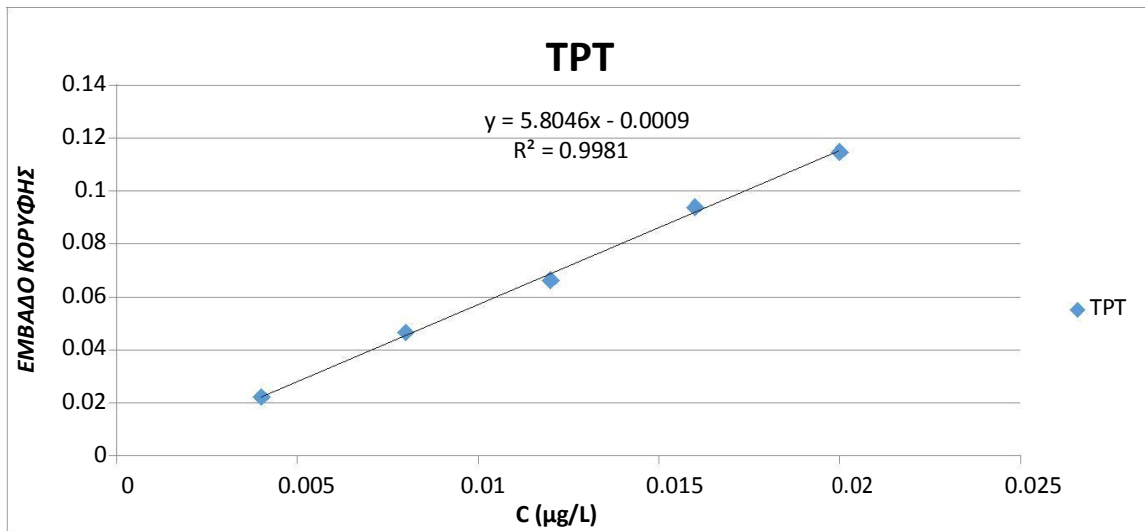
6.1

 6.1

C (ng/L)	TPHT	TBT	DPhT	DBT	MPhT	MBT
5	0,0222	0,0192	0,0212	0,0197	0,0199	0,0220
10	0,0467	0,0437	0,0427	0,0398	0,0407	0,0379
15	0,0664	0,0617	0,0644	0,0589	0,0596	0,0549
20	0,0938	0,0827	0,0860	0,0792	0,0768	0,0782
25	0,1148	0,1023	0,1105	0,1011	0,1016	0,1006

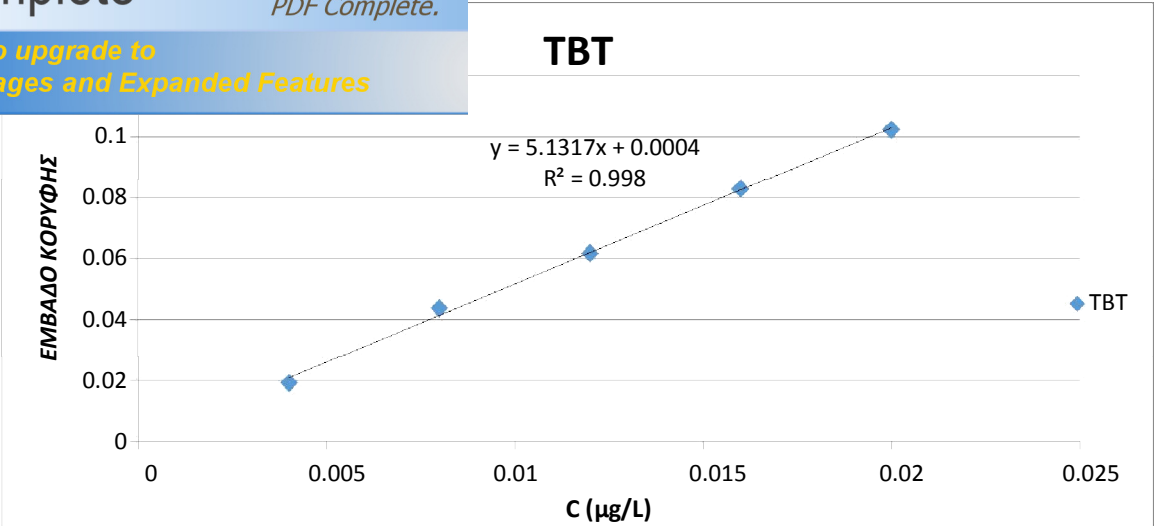
6.1

 6.1

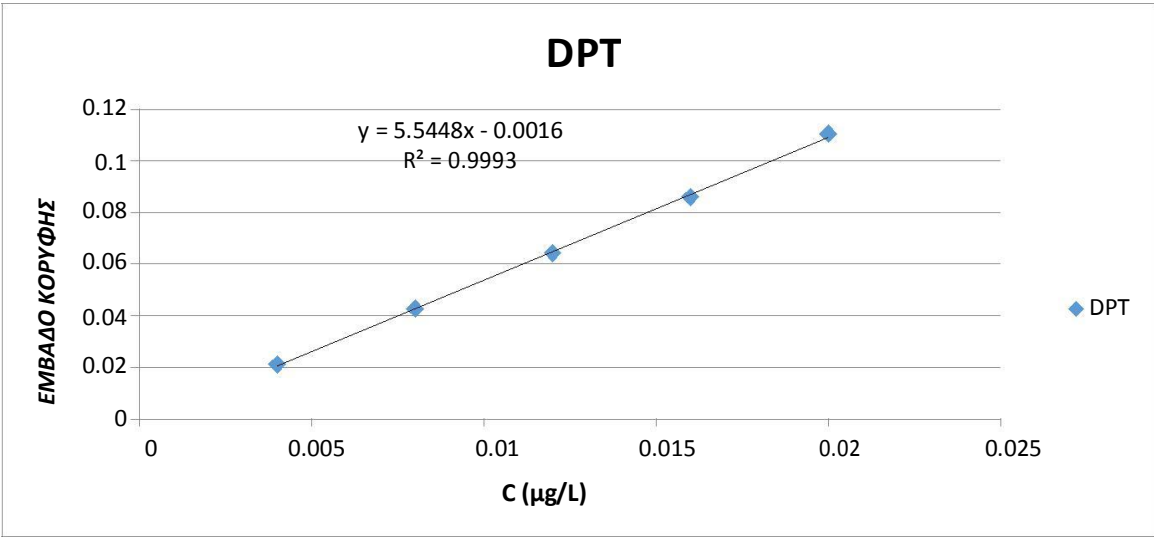


6.1

 6.1

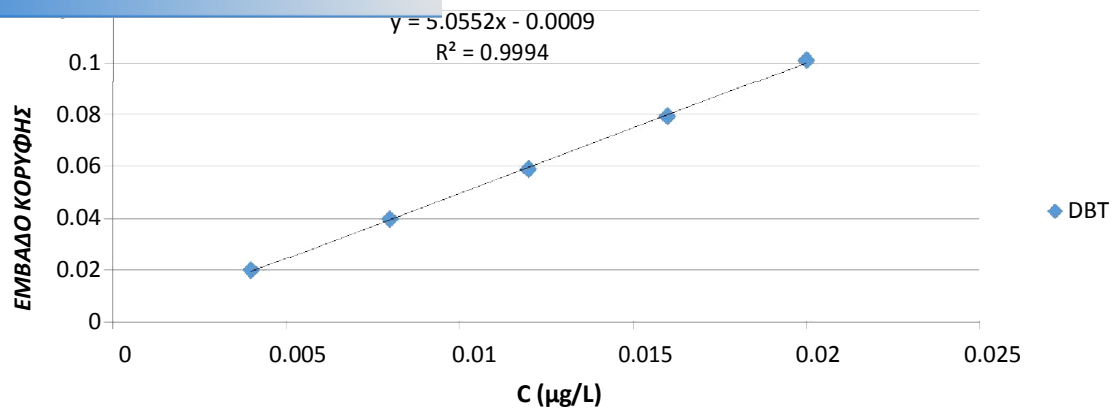


- Ρε, Ů 6.2 : VŮ 9 Ω ...Ů!!ŮŮ/ n, F - ŷ -



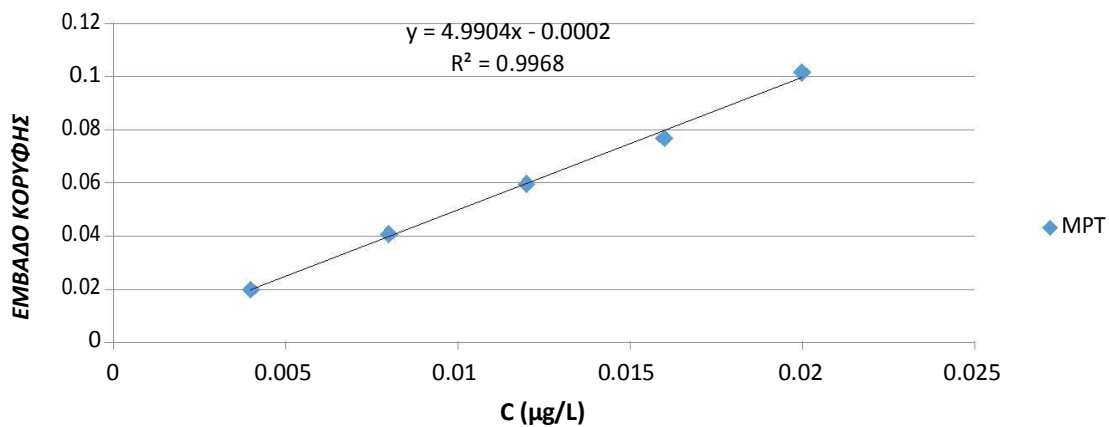
- Ρε, Ů 6.3 : VŮ 9 Ω ...Ů!!ŮŮ/ n, F DPh-

DBT



- Ρεζ. 6.4 : Ψηφιοποίηση των αποτελεσμάτων, F - γ -

MPT



- Ρεζ. 6.5 : Ψηφιοποίηση των αποτελεσμάτων, F - γ -

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3	0,0006
4	0,0012
5	0,0010
6	0,0004
7	0,0007
8	0,0002
9	0,0003
10	0,0008
SD	0,00032
3.3 SD	0,00106
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6.3.1 Ƨ Ƨ!ƧƧ .Ƨ' > ƧƧ.ƧƧ

Ƨ'Ƨ Ƨ !! ' < ƧƧƧƧ Ƨ.Ƨ ƧƧ Ƨ!ƧƧ .Ƨ' > ƧƧ.ƧƧ Ƨ' / < / Ƨ%Ƨ%Ƨ. Ƨ ... Ƨ'ƧƧ' ƧƧ'Ƨ Ƨ / Ƨ Ƨ Ƨ'Ƨ'Ƨ, ƧƧƧ ƧƧ !! Ƨ'Ƨ, ƧƧ ƧƧ / 5.5. Ƨ' Ƨ%Ƨ. Ƨ! 500 mL !! Ƨ ƧƧ ƧƧ Ƨ.Ƨ ƧƧ ƧƧ, !!... > Ƨ ƧƧ / Ƨ%Ƨ " ... 12 g NaCl " Ƨ / Ƨ'!! ƧƧ. Ƨ! > Ƨ25 mL / Ƨ' / Ƨ / Ƨ. - Ƨ.. ƧƧ!! ƧƧƧ Ƨ' Ƨ!! ƧƧ Ƨ / < ƧƧ > ƧƧ > Ƨ100 > L ƧƧ / ƧƧ / Ƨ ƧƧ " , %Ƨ > ' Ƨ ƧƧ ƧƧ Ƨ' Ƨ' Ƨ' ƧƧ " Ƨ%Ƨ Ƨ " Ƨ 10 mL Ƨ < / Ƨ < Ƨ " Ƨ Ƨ' / < / Ƨ%Ƨ Ƨ' !! Ƨ !!... Ƨ!, ƧƧƧ... ƧƧ 15 min. - Ƨ.. ƧƧ!! ƧƧƧ Ƨ' ƧƧƧ ƧƧ ƧƧ ƧƧƧ Ƨ' Ƨ ƧƧ " Ƨ%Ƨ. Ƨ .. / Ƨ ƧƧ!! " " Ƨ, Ƨ/ Ƨ / Ƨ ƧƧƧ " ƧƧ. Ƨ > ' ƧƧ' Ƨ.. / Ƨ > Ƨ , • %Ƨ . Ƨ " / < / Ƨ%Ƨ ƧƧ ƧƧ Ƨ!ƧƧ ƧƧ Ƨ / " .. Ƨ... ƧƧ 10 mL Ƨ, !! / Ƨ ƧƧ / Ƨ / Ƨ ƧƧ ƧƧ Ƨ " Ƨ%Ƨ. Ƨ! 500 > L " Ƨ Ƨ Ƨ / %Ƨ Ƨ%Ƨ. Ƨ! ƧƧƧ / ƧƧ Teflon > Ƨ' > Ƨ2 mL !! Ƨ' / Ƨ / Ƨ' / Ƨ " Ƨ 2 mL Ƨ Ƨ / ƧƧƧ Ƨ Ƨ ƧƧ / ƧƧ / Ƨ. Ƨ " / < / Ƨ%Ƨ%Ƨ. ƧƧ ƧƧ Ƨ' .. ƧƧƧ / Ƨ !! / > "Ƨ / "Ƨ, ƧƧ! ƧƧ 20 min " Ƨ ƧƧ.. ƧƧ!! ƧƧƧ > ƧƧ " %Ƨ. Ƨ!.. Ƨ'Ƨ Ƨ.. , %Ƨ ' !! Ƨ... ƧƧ ƧƧ ƧƧ Ƨ / " " %Ƨ. Ƨ! Ƨ ƧƧ ƧƧ Ƨ!Ƨ " ƧƧƧ. ƧƧ / ƧƧ / Ƨ ƧƧ. Ƨ' Ƨ... ƧƧƧ' !! Ƨ %Ƨ... Sn ƧƧ > g/L, ... Ƨ Ƨ " " ƧƧ ƧƧ < Ƨ... " Ƨ ƧƧ' Ƨ' Ƨ ƧƧƧ ƧƧƧ " Ƨ Ƨ " " ƧƧ < Ƨ... > ƧƧ Ƨ ƧƧ! Ƨ e !!. - Ƨ !! Ƨ'!! Ƨ'Ƨ (6.3) ƧƧ / ƧƧ, Ƨ / !! ƧƧ ƧƧ ƧƧ ƧƧ, !!%.

Ƨ'!! Ƨ' ƧƧ 6.3: Ƨ'!! Ƨ' ƧƧ ƧƧ Ƨ!ƧƧ .Ƨ' > ƧƧ.ƧƧ ƧƧ " , %Ƨ > ' Ƨ / Ƨ ƧƧ! / " ƧƧƧ ƧƧ " " ' !! %Ƨ...

Ƨ !!ƧƧ ƧƧ.Ƨ	Ƨ' Ƨ... ƧƧƧ' !! Ƨ %Ƨ... > g/L	SD > g/L	%RSD
TPhT	1,656	0,064	3,8
TBT	1,76	0,21	12
DPhT	1,663	0,086	5,2
DBT	1,69	0,12	6,9
MBT	2,021	0,036	1,6
MPhT	1,617	0,061	3,8

Ƨ Ƨ ƧƧƧ Ƨ'!! ƧƧƧ ƧƧ!! Ƨ ƧƧ... > ' %Ƨ ƧƧ Ƨ ƧƧ ƧƧ!! • Ƨ Ƨ / < Ƨ " Ƨ " ƧƧ Ƨ!ƧƧ .Ƨ' > ƧƧ.ƧƧ ƧƧ / Ƨ / ' Ƨ ' Ƨ % RSD Ƨ!Ƨ Ƨ' Ƨ' ƧƧƧ ƧƧƧ .. < ' ƧƧ ƧƧ ƧƧƧ Ƨ' Ƨ' > ' !! Ƨ ƧƧ ƧƧ ƧƧƧ' ' !! Ƨ %Ƨ.. Ƨ



5 : Εμβολιασμός με 0,01 µg/L

Η!!ΰ< Ωμ.Ε	Θ†ΰ™ "/ n Εμ " Ε	Θ†ΰ™ Ε ρ/ †, %/ Ε	- Ε†"" !!ΰ %ύ... (> g/L)	Η!! , "ΰ.ύ...ΰ'ΰ' ΰ'Ε ΰ'ΰΰ™
Θ†/ <'ΰ> ΤΕ 1 (0,01 > g/L)	0,1053	0,0065	0,006	59,09
Υ n ΤΕ ρ/ 1 (0,01 > g/L)	0,1782	0,0139		
Θ†/ <'ΰ> ΤΕ 2 (0,01 > g/L)	0,1219	0,0083	0,007	73,70
Υ n ΤΕ ρ/ 2 (0,01 > g/L)	0,1654	0,0129		
Θ†/ <'ΰ> ΤΕ 3 (0,01 > g/L)	0,1499	0,0116	0,009	86,00
Υ n ΤΕ ρ/ 3 (0,01 > g/L)	0,1743	0,0145		
RSD Θΰΰ ΰΰΰ - ΰΰΰ : 18,0%		ΰ'ΰ...Η!! , "ΰ.ύ...: 73%		



6 : Εμβολιασμός με 0,04 µg/L

Θ/†/ < 'Ü> TPE 1 (0,004 > g/L)	Θ/†Ü™ "/ n £µ " F	Θ/†Ü™ £ ¢/ †, %/ £	- £† "' ' !!Ψ %ű... (> g/L)	ű !!, "Ü.ű...ű' 'Ψ ' F 'ű'űΨ™
Θ/†/ < 'Ü> TPE 1 (0,004 > g/L)	0,0713	0,0057	0,003	65,35
Υn TPE ¢/ 1 (0,004 > g/L)	0,1091	0,0096		
Θ/†/ < 'Ü> TPE 2 (0,004 > g/L)	0,0859	0,0073	0,003	81,27
Υn TPE ¢/ 2 (0,004 > g/L)	0,1057	0,0092		
Θ/†/ < 'Ü> TPE 3 (0,004 > g/L)	0,0846	0,0065	0,003	79,44
Υn TPE ¢/ 3 (0,004 > g/L)	0,1065	0,0072		
RSD ΘΨγ ύ ύ ύ ύ - Wű- : 11,0%		Wű ű...ű !!, "Ü.ű...: 75%		

ages and Expanded Features

6.6 W Ȳ ..ű...űŰ†› , Ȳ%!!

Yn 0k 00 q/ '""%."0!! > 00 "u0F u0u00k 000 00q/ t< "00! 00! 00n/ .x 000 "e!! 0 0 u00000! 0.F
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 ...00 0!!000'00000 00 q/ '""%."0u00 1 ml 0, !!/ 0n/ "00 '!!/ 0!!0!0000%0! q/<0
 000 .x' F 0000" 00000 000! / n000/ "0000"00 "e!! 0!0000!. w0u0.x 00000 000 '0!!000 000000...
 00 00 0000 0"/ n000 "F 00!!00 000/ 000000 00 %00" 00000, <> 00 000% 0!! 000 000/ 0 - 0
 000/ 00 'u> 000 000 00000!000 u0!! 0"00'00 6.8

Y'!U'UF 6.8: W U ..ũ...u Ũ†, U%! Ũ♀ TM!!..ũ', U € ñ'†U/ €

йѡйѡ - Г -	C (ppt ... pg/mL)
ѡ%F 9/14	0,20
Г' ѡ' ѡ' 10	0,14
ѡ' > !/ F 10	0,17
- ' n ' ѡ/ F 11	0,31
- , >/ F	2,91
Ѣ, n/ F	1,13
Ѣ%'/ !/ F	0,34
Ѣ' </ F	0,56
- ' n ' ѡ/ F 10	1,04
ѡ' > !/ F 09	1,62
Ѣ n ѡ' ѡ% F 11/14	0,89
Ѣ%F 23/10	0,34
Ѣ' </ F 11/14	0,58

[illegible]



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17. PETRIK Limer SIMRA 0000, Operation Manual.

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