



Figure 3. Job's Plot for rare-earth: MTB complexation at 615 nm.

for Tb³⁺, Dy³⁺ and Er³⁺ complexes with MTB respectively.

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1. Krljeza, F. and Malkovic, V. D., *Glas. Hem. Technol. Bosne Hercegovine*, 1969, **17**, 23.
2. Chin-Chi, C. and Chao-Teh, C., *Tai Ni Chi Shu*, 1973, **8**, 215.
3. Genkichi, N. and Wada, H., *Talanta*, 1973, **20**, 829.
4. Shrivastava, K. C. and Banerji, S. K., *Chem. Age India*, 1969, **20**, 606.
5. Tselinskii, Y. K. and Nikolaevskaya, A. B., *Zh. Prikl. Khim.*, 1974, **47**, 1991.
6. Toshio, O., *Bunseki Kagaku*, 1972, **21**, 1359.
7. Butenko, G. A., Grzhegorzhevskii, A. S. and Sturre, I. G., *Vopr. Khim. Khim. Tekhnol.*, 1972, **27**, 128.
8. Stanislaw, Z. and Lomozik, L., *Zh. Neorg. Khim.*, 1976, **21**, 692.
9. Toshiaki, N., *Bull. Chem. Soc. Jpn.*, 1968, **41**, 1619.
10. Shrivastava, K. C., *Bull. Inst. Chem. Acad. Sinica*, 1972, **19**, 61.
11. Lavale, S. C. and Pitre, K. S., *Rev. Anal. Chem.*, 1982, **6**, 169.
12. Welcher, F. J., *The analytical uses of EDTA*, Van Nostrand, New York, 1957, p. 174; Lavale, S. C. and Pitre, K. S., *J. Indian Chem. Soc.*, 1982, **59**, 965 and *J. Electrochem. Soc. (India)*, 1981, **30**, 328.
13. Muratami, M., Yoshina, T. and Harasawa, T., *Talanta*, 1967, **14**, 1293.
14. Lurie, J., *Handbook of analytical chemistry*, Mir Publishers, Moscow, 1975, p. 263.
15. Saraswat, I. P., Sharma C. L. and Sharma, A., *Indian J. Chem.*, 1980, **19**, 761.
16. Flaschka and Barnard, *Chelates in analytical chemistry*, Marcel Dekker, New York, 1967, Vol. 1, p. 16.
17. Stock, J. T., *Amperometric titrations*, R. E. Krieger, New York, 1975, p. 7.
18. Saraswat, I. P., Sharma, C. L. and Sharma, A., *J. Indian Chem. Soc.*, 1978, **55**, 757.
19. Malkora, T. V. and Krasukhira, L. V., *Zh. Neorg. Khim.*, 1975, **20**, 2656.
20. Job, P., *Ann. Chim.*, 1938, **9**, 113.

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