

Ekstraksi Itrium Dalam Konsentrat Logam Tanah Jarang Dari Pasir Senotim

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Abstrak

Extraction of itrium in the rare earth concentrate of xenotime sand Solvent extraction to yitrium (IQ concentrate from xenotime sand with tributhyl phosphate (T BP) had been done. The concentrate was extracted using TBP with variants from 20 -100 % (% vol). The attraction time varies from I0 - 60 minutes and addition of Ca(NO₃), in the feed was 2 - I5 gr / i 0 ml., the result show that distribution coefficient was (Kd) yttrium 16.53 and separation factor (og) Y-Gd = 2. 44 and Y-Dy = 1.4.