
Determination of the Cation-Exchange Capacity (Layer Charge) of Small Quantities of Clay Minerals by Nephelometry

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Abstract: Nephelometric (light scattering) methods for the determination of Ca and Ba in the 0– 30 ppm range, and their application to the estimation of the cation exchange capacity ($\pm 10\%$) of small (≤ 30 mg) samples of clay minerals, are described and evaluated.

Key Words: Exchange • Microanalysis • Nephelometry • Smectite

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