

Luminescence of Terbium(III) Chloride in Porous Glass

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Abstract—Terbium(III) chloride ($1.5\text{--}150\text{ }\mu\text{mol g}^{-1}$) was encapsulated in porous glass by impregnation of the support with aqueous solutions of various concentrations. The concentration dependences of the luminescence parameters and luminescence quenching in the course of water vapor adsorption in the salt intercalates were analyzed.

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