

**THE NEW METHOD OF ERBIUM-DOPED SILICA GEL-GLASS PREPARED  
USING OF HMTA-COMPLEXES**

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The new method of erbium-activated silica glass preparation was proposed, using the hydrolysis of TEOS and introduction an complex  $\text{Er}(\text{NO}_3)_3 \cdot 2[\text{N}_4(\text{CH}_2)_6] \cdot n\text{H}_2\text{O}$  into sol, followed by gelation, drying and vitrification of xerogels. The effect of processing parameters on properties of prepared glass were investigated.