

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

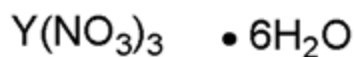
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



**Catalogue Number** 28052

**Product** **Yttrium(III) nitrate hexahydrate**

**CAS Number** 13494-98-9

**Molecular Formula**  $\text{Y}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$

**Molecular Weight** 383.01

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**Appearance** White crystalline powder

**Anion** Chloride ( $\text{Cl}^-$ ):  $\leq 0.01\%$   
Sulfate ( $\text{SO}_4^{2-}$ ):  $\leq 0.01\%$

**Cation** Iron ( $\text{Fe}_2\text{O}_3$ ):  $\leq 0.002\%$   
Silicon ( $\text{SiO}_2$ ):  $\leq 0.002\%$   
Calcium ( $\text{CaO}$ ):  $\leq 0.01\%$   
Sodium ( $\text{Na}_2\text{O}$ ):  $\leq 0.01\%$

**Assay**  $\geq 99.9\%$  (Assayed as  $\text{Y}_2\text{O}_3$ )

**Storage** Store at RT

**Additional Information** Total rare earth oxides (TREO):  $\geq 29\%$

**For Laboratory Use Only**