

# *Chem-Impex International, Inc.*

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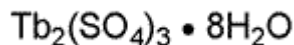
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	35909
<b>Product</b>	<b>Terbium(III) sulfate octahydrate</b> Terbium trisulfate octahydrate
<b>CAS Number</b>	13842-67-6
<b>Molecular Formula</b>	$Tb_2(SO_4)_3 \cdot 8H_2O$
<b>Molecular Weight</b>	750.16

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<b>Appearance</b>	White to off-white crystalline powder
<b>Anion</b>	Si : $\leq 20$ ppm
<b>Purity</b>	$\geq 99\%$ (REO)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Content of Tb4O7 is 61.51%.  Cation - Na+K : $\leq 10$ ppm, Mg : $\leq 1$ ppm, Al : $\leq 3$ ppm, Ca : $\leq 10$ ppm, Ti : $\leq 4$ ppm, V : $\leq 1$ ppm, Cr : $\leq 1$ ppm, Mn : $\leq 1$ ppm, Fe : $\leq 20$ ppm, Co : $\leq 1$ ppm, Ni : $\leq 5$ ppm, Cu : $\leq 3$ ppm, Zn : $\leq 2$ ppm, Y : $\leq 50$ ppm, La : $\leq 50$ ppm, Ce : $\leq 50$ ppm, Pr : $\leq 10$ ppm, Nd : $\leq 10$ ppm, Sm : $\leq 10$ ppm, Eu : $\leq 100$ ppm, Gd : $\leq 100$ ppm, Dy : $\leq 100$ ppm, Ho : $\leq 50$ ppm, Er : $\leq 50$ ppm, Tm : $\leq 50$ ppm, Yb : $\leq 50$ ppm, Lu : $\leq 50$ ppm, Pb : $\leq 1$ ppm, Bi : $\leq 1$ ppm, Th : $\leq 1$ ppm, U : $\leq 1$ ppm

**For Laboratory Use Only**