

# *Chem-Impex International, Inc.*

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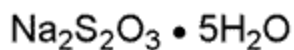
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	30691
<b>Product</b>	<b>Sodium thiosulfate pentahydrate</b>
<b>CAS Number</b>	10102-17-7
<b>Molecular Formula</b>	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
<b>Molecular Weight</b>	248.18
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<b>Appearance</b>	White crystals or chunks
<b>Solubility</b>	Very soluble in water Insoluble in Ethanol
<b>Melting Point</b>	48 °C (Approx.)
<b>Heavy Metals</b>	≤ 10 ppm
<b>Sulfur Compounds</b>	≤ 0.1%
<b>Anion</b>	Sulfide : To pass test Nitrogen compounds : ≤ 0.002%
<b>Cation</b>	Calcium : No turbidity Lead (Pb) : ≤ 2 mg/Kg ≤ 1 ppm Selenium (Se) : ≤ 0.003% Arsenic (As) : ≤ 5 ppm
<b>pH</b>	6 - 8
<b>Loss on Drying</b>	32 - 37% (40 - 45 °C/16h)
<b>Insoluble material</b>	≤ 0.005%
<b>Assay (anhydrous basis)</b>	99.0 - 100.5%
<b>Grade</b>	USP-NF/BP/EP/JP
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : To pass test

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**For Laboratory Use Only**