

# *Chem-Impex International, Inc.*

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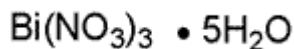
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	30251
<b>Product</b>	<b>Bismuth(III) nitrate pentahydrate</b> Bismuth nitrate pentahydrate
<b>CAS Number</b>	10035-06-0
<b>Molecular Formula</b>	$\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
<b>Molecular Weight</b>	485.07

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<b>Appearance</b>	White crystals
<b>Solubility</b>	Clear and colorless (10% in dil. Nitric acid)
<b>Anion</b>	Chloride ( $\text{Cl}^-$ ) : $\leq 0.003\%$ Sulfate ( $\text{SO}_4^{2-}$ ) : $\leq 0.02\%$
<b>Cation</b>	Calcium (Ca) : $\leq 0.001\%$ Copper (Cu) : $\leq 0.001\%$ Iron (Fe) : $\leq 0.001\%$ Lead (Pb) : $\leq 0.002\%$ Magnesium (Mg) : $\leq 0.001\%$ Potassium (K) : $\leq 0.002\%$ Silver (Ag) : $\leq 0.001\%$ Zinc (Zn) : $\leq 0.002\%$ Sodium (Na) : $\leq 0.002\%$
<b>Insoluble material</b>	$\leq 0.003\%$ (in Acid)
<b>Assay</b>	$\geq 99\%$ (Ex. Bi)
<b>Grade</b>	AR Grade
<b>Storage</b>	Store at RT

**For Laboratory Use Only**