

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35299
<b>Lot Number</b>	003464-15794
<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>Related Substances</b>	Na, Mg, Al, K, Ti, Cr, Mn, Cu, Cd : < 0.5 Si : < 3 ppm, Ca : 2 ppm, V : < 0.05 ppm, Fe : 2 ppm Ni : < 0.1 ppm, As : < 0.5 ppm, Sn : < 0.1 ppm, Ag : < 1 ppm, Pb : 1 ppm, The content each remaining impurity : < 0.05 - 0.1 ppm
<b>Purity</b>	99.995% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Content of $\text{Bi}_2\text{O}_3$ : 47.93%
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager