

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30070
<b>Lot Number</b>	002126-190431
<b>Product</b>	<b>Sodium chloride</b>
<b>CAS Number</b>	7647-14-5
<b>Molecular Formula</b>	NaCl
<b>Molecular Weight</b>	58.44
<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and colorless
<b>Melting Point</b>	800 °C
<b>Heavy Metals</b>	0.0002%
<b>Anion</b>	Iodide (I) : 0.001% Bromide (Br) : 0.002% Chlorate and Nitrate (as NO <sub>3</sub> ) : 0.001% Phosphate (as PO <sub>4</sub> ) : 0.0005% Sulfate (SO <sub>4</sub> ) : 0.001% Arsenic: 0.5 ppm Nitrate: Passes Test Chloride: Passes Test
<b>Cation</b>	Barium (Ba): Passes test Iron (Fe): 1 ppm Calcium (Ca): 0.001% Magnesium (Mg): < 0.001% Potassium (K): 0.002% Aluminum: 0.1 ppm
<b>pH</b>	7.9 (5% solution at 25 °C)
<b>Acidity &amp; Alkalinity</b>	0.1 mL HCL
<b>Loss on Drying</b>	0.03%
<b>Bacterial Endotoxins</b>	5.0
<b>Insoluble material</b>	0.005%
<b>Assay</b>	100%
<b>Grade</b>	ACS
<b>Storage</b>	Store at RT

# *Certificate of Analysis*

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**Additional Information**

Ferrocyanide: Passes Test  
Iodides: No Blue Color  
Magnesium & Alkaline Earth Metals: 0.008%

**Remarks**

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**