

# Chem-Impex International, Inc.

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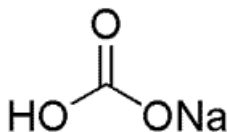
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	30129
<b>Product</b>	<b>Sodium bicarbonate</b> Sodium hydrogen carbonate
<b>CAS Number</b>	144-55-8
<b>Molecular Formula</b>	NaHCO <sub>3</sub>
<b>Molecular Weight</b>	84.01

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and complete solution (1 g in 20 mL water)
<b>Heavy Metals</b>	≤ 5 ppm
<b>Sulfur Compounds</b>	≤ 0.015%
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : ≤ 0.015%
<b>Cation</b>	Aluminium (Al) : ≤ 2 mg/g Arsenic (As) : ≤ 2 ppm Calcium (Ca) : ≤ 0.01% Magnesium (Mg) : ≤ 0.004% Copper (Cu) : ≤ 1 ppm Iron (Fe) : ≤ 5 ppm Ammonia : ≤ 20 ppm
<b>Carbonate</b>	≤ 0.23%
<b>Loss on Drying</b>	≤ 0.25% (4 h)
<b>Particle Size</b>	USS screen 100 : 0 - 2 USS screen 200 : 20 - 50 USS screen 325 : 60 - 100
<b>Assay by titration</b>	99.0 - 100.5% (Dried basis)
<b>Grade</b>	Meets USP specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Test for Sodium : To pass test Test for Bicarbonate : To pass test
<b>Suitability</b>	2.238 - 2.242 mg

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**For Laboratory Use Only**