

# *Chem-Impex International, Inc.*

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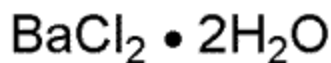
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	33351
<b>Product</b>	<b>Barium chloride dihydrate</b>  Barium chloride•2H <sub>2</sub> O
<b>CAS Number</b>	10326-27-9
<b>Molecular Formula</b>	BaCl <sub>2</sub> •2H <sub>2</sub> O
<b>Molecular Weight</b>	244.3

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<b>Appearance</b>	White to off-white crystalline powder
<b>Melting Point</b>	960 °C (Approx.) (anhydrous)
<b>Heavy Metals</b>	≤ 5 ppm (as Pb)
<b>Cation</b>	Calcium (Ca): ≤ 0.05% Iron (Fe): ≤ 2 ppm
<b>Loss on Drying</b>	14.0-16.0% (at 150 °C)
<b>Assay by titration</b>	≥ 99.0%
<b>Application</b>	It is used to test the sulphate ions. Industrially, Barium Chloride is used in the purification of brine solution in caustic chlorine plants and also in the manufacture of heat treatment salts, case hardening of steel, manufacture of pigments and in the manufacture of other Barium Salts. Above all, Barium Chloride is widely used in fireworks to impart them a bright green color.
<b>Storage</b>	Store at RT

**For Laboratory Use Only**