

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Product Specifications

Ba(OH)<sub>2</sub>

<b>Catalogue Number</b>	35966
<b>Product</b>	<b>Barium hydroxide solution, 0.3 N</b>
<b>CAS Number</b>	17194-00-2
<b>Molecular Formula</b>	Ba(OH) <sub>2</sub>
<b>Molecular Weight</b>	171.34

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<b>Warnings</b>	<i>Air sensitive!</i>
<b>Appearance</b>	Clear colorless liquid
<b>Melting Point</b>	408 °C
<b>Assay by titration</b>	≥ 95%
<b>Application</b>	It is a strong base, and is used as catalyst in many organic reactions, such as hydrolysis of esters and nitriles, decarboxylation of amino acids, selective hydrolysis of one of the ester groups in dimethyl hendecanedioate, and preparation of cyclopentanone, diacetone alcohol and D-Gulonic gamma-lactone
<b>Storage</b>	Store at RT, under argon

**For Laboratory Use Only**