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## Typical Product Specifications & Properties

# Lithium Bromide

CAS Number: : 7550-35-8

Specifications	Limits
Slightly Soluble	in pyridine
Very Soluble	in water, alcohol, ether
Co3	< 0.03%
Solubility	191 g/100g H2O at 50C
Solubility	232 g/100g H2O at 100C
Assay	> 99.5%
Ca	< 0.005%
Fe	< 0.001%
Cu	< 3 mg/kg
SO4	< 0.01%
Molecular weight	86.85
Density	3.46 g/ccm at 20C



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Specifications	Limits
Melting Point	547C
Solubility	111 g/100g H2O at -20C
K	< 0.03%
Mg	< 0.002%
Solubility	149 g/100g H2O at 20C
Na	< 0.03%
Boiling Point	1265C
Cl	< 0.15%
H2O	< 0.3% at 400C
pH	6-12
Screen	about 90% 0.07-0.5 mm
Appearance	white, crystalline powder



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Specifications	Limits
Boiling Point	1265C
Bulk Density	about 1.8 kg/l g/ccm
Solubility	130 g/100g H2O at 0C
Insolubles	< 0.005% in water
Odor	odorless

Specifications	Limits
Chemical Structure	



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