

**PRODUCT SPECIFICATION**

**Printed:** 2/10/2014

**Catalog :** B1025

Barium Chloride, Dihydrate, Crystal, Reagent, ACS

**CAS# :** 10326-27-9

**Formula :** BaCl<sub>2</sub>[2H<sub>2</sub>O

**Formula Weight :** 244.26

**Test**

**Limit  
Min. Max.**

Test	Limit Min. Max.
ASSAY	99.0 % --
LOSS ON DRYING	14.0 - 16.0 %
pH OF A 5% SOLUTION @ 25[dC	5.2 - 8.2
INSOLUBLE MATTER	-- 0.005 %
OXIDIZING SUBSTANCES (asNO <sub>3</sub> )	-- 0.005 %
CALCIUM (Ca)	-- 0.05 %
POTASSIUM (K)	-- 0.0025 %
SODIUM (Na)	-- 0.005 %
STRONTIUM (Sr)	-- 0.1 %
HEAVY METALS (as Pb)	-- 5 PPM
IRON (Fe)	-- 2 PPM
RETEST DATE	