



Specification for Barium Hydroxide, Octahydrate, Reagent, ACS (B1040)

Item Number	B1040
Item	Barium Hydroxide, Octahydrate, Reagent, ACS
CAS Number	12230-71-6
Molecular Formula	Ba(OH) ₂ •8H ₂ O
Molecular Weight	315.46
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY [Ba(OH) ₂ •8H ₂ O]	98.0 %	
CARBONATE (as BaCO ₃)		2.0 %
INSOLUBLE IN DILUTE HCl		0.01 %
CHLORIDE (Cl)		0.001 % (about 0.001 %)
SULFIDE (S)	TO PASS TEST (limit about 0.001 %)	
SODIUM (Na)		0.01 %
CALCIUM (Ca)		0.05 %
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		0.001 %
STRONTIUM (Sr)		0.8 %
POTASSIUM (K)		0.01 %

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000