

## Barium hydroxide octahydrate, Hi-AR™/ACS

**GRM1275**


### Product Identifier

CAS No.	:	12230-71-6
EC No.	:	241-234-5
Molecular Formula	:	Ba(OH) <sub>2</sub> .8H <sub>2</sub> O
Molecular Weight	:	315.46
HS Code	:	2816 40 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless to white hygroscopic crystals or powder or flakes or solid
Solubility	:	33.3 mg soluble in 1 mL of 10% hydrochloric acid
Insoluble in dilute hydrochloric acid	:	<= 0.01%
Calcium (Ca)	:	<= 0.05%
Carbonate (BaCO <sub>3</sub> )	:	<=2.0%
Chloride (Cl)	:	<= 0.001%
Iron (Fe)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.0005%
Potassium (K)	:	<= 0.01%
Sodium (Na)	:	<= 0.01%
Strontium (Sr)	:	<= 0.8%
Sulphide (S)	:	Passes test
Assay (HCl Titration)	:	98.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H302- H314- H332
Precautionary Statement(s)	:	P260- P280- P301+P330+P331- P303+P361+P353- P305+P351+P338- P501
UN No.	:	3262
Class	:	8
Packing Group	:	II
RTECS	:	Not available
WGK	:	1

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