

Barium chloride dihydrate, Hi-AR™/ACS

GRM412

Product Identifier

CAS No.	:	10326-27-9
EC No.	:	233-788-1
Molecular Formula	:	BaCl ₂ .2H ₂ O
Molecular Weight	:	244.26
HS Code	:	2827 39 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to off-white crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% solution at 25°C)	:	5.20 - 8.20
Insoluble matter	:	<= 0.005%
Oxidising substances (as NO ₃)	:	<= 0.005%
Calcium (Ca)	:	<= 0.05%
Potassium (K)	:	<= 0.0025%
Sodium (Na)	:	<= 0.005%
Strontium (Sr)	:	<= 0.1%
Heavy metals	:	<= 0.0005%
Iron (Fe)	:	<= 0.0002%
Loss on drying	:	14.0 - 16.0% (at 150°C to constant weight)
Assay (AT/EDTA Titration)	:	>= 99.00%

Safety Information

Hazard Pictogram(s) :



Signal Word	:	Danger
Hazard Statement(s)	:	H301- H332
Precautionary Statement(s)	:	P261- P264- P301 + P310- P312- P321- P501
UN No.	:	1564
Class	:	6.1
Packing Group	:	III
RTECS	:	CQ8751000
WGK	:	13