
Calcium carbonate, Hi-AR[®]/ACS

GRM3905

Product Identifier

CAS No.	:	471-34-1
EC No.	:	207-439-9
Molecular Formula	:	CaCO ₃
Molecular Weight	:	100.09
HS Code	:	2836 50 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder or solid or chunks
Solubility	:	33.3 mg soluble in 1 mL of dilute hydrochloric acid
Chloride (Cl)	:	<= 0.001%
Insoluble in dilute hydrochloric acid	:	<= 0.01%
Ammonium (NH ₄)	:	<= 0.003%
Magnesium (Mg)	:	<= 0.02%
Heavy metals (as Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.003%
Fluoride (F)	:	<= 0.0015%
Potassium (K)	:	<= 0.01%
Strontium (Sr)	:	<= 0.1%
Sodium (Na)	:	<= 0.1%
Barium (Ba)	:	<= 0.01%
Sulfate (SO ₄)	:	<= 0.01%
Loss on drying (at 200°C, 4hr)	:	<= 2.0%
Assay (EDTA Titration, on dried basis)	:	99.00 - 100.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	FF9335000
WGK	:	nwg