

GRM3905 Calcium carbonate, Hi-AR™/ACS**Product Number Packing**

GRM3905 : 500G

Product Information

Product Code : GRM3905
Product Name : Calcium carbonate, Hi-AR™/ACS
Molecular Formula : CaCO₃
Molecular Weight : 100.09
CAS No. : 471-34-1
EC No. : 207-439-9
HS Code : 2836 50 00
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%
Insolubility in dilute HCl : ≤ 0.01%
Ammonium (NH₄) : ≤ 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 (SO₄) : ≤ 0.01%
Loss on drying (at 200° C, 1hr) : ≤ 2.0%
Assay (EDTA/HCl Titration, on dry basis) : 99.00 - 100.50%

Risk and Safety Information

WGK : nwg
RTECS : FF9335000
Storage Temperature(°C) : Store below 30°C

Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods