

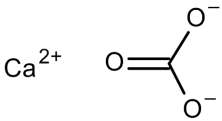


Product Specification

cdhfinechemical.com

CALCIUM CARBONATE PRECIPITATED MEETS ANALYTICAL SPECIFICATION OF FCC.

PRODUCT CODE	042055
SYNONYMS	Carbonic acid calcium salt.
C.I. NO.	--
CASR NO.	(471-34-1)
ATOMIC OR MOLECULAR FORMULA	CaCO₃
ATOMIC OR MOLECULAR WEIGHT	100.09
PROPERTIES	Noncombustible, soluble in acids with evolution of carbon dioxide.



PARAMETER	LIMIT
Description	A fine, white or colourless microcrystalline powder.
Solubility	Practically insoluble in water; soluble in dilute hydrochloric acid.
Identification	Passes test.
Assay (Complexometric; after drying)	98.5-100.5%

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 200°C, 4 hrs.)	2.0%
Substance insoluble in HCl	0.2%
Substance insoluble in acetic acid	0.2%
Chloride (Cl)	0.025%
Fluoride	0.005%
Sulphate (SO ₄)	0.25%
Arsenic (As)	0.0003%
Barium (Ba)	Passes test.
Iron (Fe)	0.02%
Lead (Pb)	0.0003%
Heavy metals (as Pb)	0.002%
Magnesium & alkali salts	1.0%

Note(s) : Assay (if applicable) method mentioned.

WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	

Disposal:-----
Hazard Pictogram(s) :-----

Replace Date 20-June-2023