

SPECIFICATION

Product	Calcium Carbonate Powder
Grade	Powder
Product Code	C-I/P

Document No.	Effective Date	Next review date	Amendment History
SPE/C-I/P	18/02/2010	18/01/2012	NIL

General Characteristics			
Formula	CaCO ₃	Appearance	White powder
Molecular weight	100.09 g/mol	Odor	Odorless
CAS Number	471-34-1	Solubility	In water & ethanol - Insoluble
EINECS Number	207-139-9		In dilute hydrochloric acid - soluble
HS Code	2836 5000		In dilute nitric acid – soluble

Physical Analysis			
Particle size/Sieve analysis	Method	Powder	
Passing through 100 # BSS (150 micron)	In house	Mini. 98.0%	
Bulk Density	Loose Tapped	In house	Mini. 0.70 g/ml Mini. 0.85 g/ml

Chemical Analysis				
Properties	Method	Specification Values		
		Unit	Mini.	Maxi.
Identification	IP	---	Complies	
Substances insoluble in acetic acid	IP	%	---	0.2
Arsenic	IP	ppm	---	4.0
Heavy metals (as Pb)	IP	ppm	---	20
Barium	IP	---	Complies	
Iron	IP	ppm	---	200
Magnesium and alkali metals	IP	%	---	1.0
Chloride	IP	ppm	---	250
Sulphate	IP	%	---	0.3
Loss on drying (200 Degree)	IP	%	---	2.0
Assay as CaCO ₃	IP	%	98.0	100.5



SUDEEP PHARMA LTD

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Nutritional Values	
Calcium (w/w)	Mini. 39.2%
Shelf Life	
Expiry/Re-test period: 5 years after date of manufacture	
Quality Assurance/ Certificate	
GMP : Sudeep Pharma Ltd is GMP certified. (Issued by Indian Food & Drug Control Administration. Certificate No.S-GMP/1001064).	
ISO : Sudeep Pharma Ltd is ISO 9001 : 2000 certified (Issued by M/s Benchmark. Certificate No.3032).	
HACCP : Sudeep Pharma Ltd is HACCP Certified (Issued by M/s Benchmark. Certificate No.3032H).	
Halal : Our product is strictly Halal (Registration no. 0550).	
Kosher : Our product is strictly Kosher.	
Note : All certificates are available upon request.	
Certificate of Compliance	
GMO: The product does not contain any Genetically Modified Organisms (GMO) or raw materials used in manufacturing of the same are also not genetically modified.	
Non-Irradiation: The product was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.	
Allergens: The product does not contain any of the below mentioned allergens: Cereals containing Gluten, Crustaceans, Eggs, Fish, Peanuts, Treenuts, Soybeans, Milk, Sesame seeds, Sulphur Dioxide and sulphites (concentrations >10 mg/kg), Lupin, Molluscs.	
TSE/BSE: The Product is not derived from animal/plant origin & hence this product is free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE). It is synthetically derived.	
Residual Solvent: Class 1, Class 2, Class 3 & Table 4 solvents are not used in the production of our product.	
Vegetarians / Vegans: Our product is suitable for consumption by vegetarians and vegans.	
Storage Recommendations	
Store in a cool, dry place	
Packaging	
25 kg net weight packed in HDPE bag with inner liner.	