RADEEP PHARMA LLP
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Product Data Sheet

Product Name	**Calcium Carbonate BP**
Molecular Formula	CaCO3
Molecular Weight	100.09 g/mol
CAS No.:	471-34-1

Specification:

1	Description	White or white powder
2	Solubility	practically insoluble in water, dissolves with effervescence in dilute acids
3	Identification- A	Passes test for Calcium
4	Identification- B	Passes test for Carbonate
5	Assay (on dried basis)	98.0% to 100.5% of CaCO3
6	pH (5%w/v suspension)	8.0-10.0
7	Loss on Drying at 105 C	NMT 2.0%w/w
8	Acid Insoluble Substances	NMT 0.2 %
9	Magnesium & alkali Salts	NMT 1.0%
10	Chlorides	NMT 300 ppm
11	Sulphates	NMT 0.1%
12	Iron	NMT 200 ppm
13	Heavy metals	NMT 20 ppm
14	Arsenic	NMT 4 ppm
15	Barium	Passes Test

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CERTIFICATE OF ANALYSIS

Product Name	**Calcium Carbonate IP**
Molecular Formula	CaCO3
Molecular Weight	100.09 g/mol
CAS No.:	471-34-1

Specification:

	Item of Test	Standard Specification
1	Description	White or white powder
2	Solubility	Practically insoluble in water, soluble in dilute hydrochloric acid with effervescence
3	Identification- Calcium	Passes test for Calcium
4	Identification- Carbonate	Passes test for Carbonate
5	Assay (on dried basis)	98.0% to 100.5% of CaCO3
6	pH (5%w/v suspension)	8.0 - 10.0
7	Loss on Drying at 105 C	NMT 2.0%w/w
8	Acid Insoluble Substances	NMT 0.2 %
9	Magnesium & alkali Salts	NMT 1.0%
10	Chlorides	NMT 300 ppm
11	Sulphates	NMT 0.1%
12	Iron	NMT 200 ppm
13	Heavy metals	NMT 20 ppm
14	Arsenic	NMT 4 ppm
15	Cao	Max .56.08%

STORAGE: Store in cool and dry, keep away from strong light and heat.

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CERTIFICATE OF ANALYSIS

Product Name	**Calcium Carbonate USP**
Molecular Formula	CaCO3
Molecular Weight	100.09 g/mol
CAS No.:	471-34-1

1	Description	White or almost white powder
2	Solubility	practically insoluble in water, dissolves with effervescence in dilute acids
3	Identification- A	Passes test for Calcium
4	Identification- B	Passes test for Carbonate
5	Assay (on dried basis)	98.0% to 100.5% of CaCO3
6	pH (5%w/v suspension)	8.0-10.0
7	Loss on Drying at 105 C	NMT 2.0%w/w
8	Acid Insoluble Substances	NMT 0.2 %
9	Magnesium & alkali Salts	NMT 1.0%
10	Chlorides	NMT 300 ppm
11	Sulphates	NMT 0.1%
12	Iron	NMT 200 ppm
13	Heavy metals	NMT 20 ppm
14	Arsenic	NMT 4 ppm
15	Barium	Passes Test
16	Particle size	As per approved grade
17	Bulk density	As per internal specification

STORAGE: Store in cool and dry, keep away from strong light and heat.