RADEEP PHARMA LLP
Survey No. 143, Tundav–Anjesar Road
Post: Tundav, Taluka: Savli
Vadodara – 391775, Gujarat (India)
Email: info@radeeppharma.com, www.radeeppharma.com

CERTIFICATE OF ANALYSIS

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

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

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