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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
Description	White or white powder
Solubility	Practically insoluble in water, soluble in dilute hydrochloric acid with effervescence
Identification- Calcium	Passes test for Calcium
Identification- Carbonate	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
Cao	Max .56.08%

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