

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Calcium Carbonate Special (Meets analytical specification of BP,IP,Ph Eur,FCC)

Catalog Number : O-5275

Batch Number : 5275-00000000

CAS Number : 471-34-1

Molecular Weight : 100.09 g/mol

Mol. Formula : CaCO_3

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	A fine white or colorless microcrystalline powder	Complies
2	Solubility	practically insoluble in water, soluble in dilute HCl	Complies
3	Assay (complexometric on dried subs.)	98.5 - 100.5 %	100.051%
4	Identification	passes test	Complies
5	Substance insoluble in HCl	max 0.2 %	0.0045%
6	Substance insoluble in Acetic acid	max 0.2 %	0.0062%
7	Loss on drying at 200 °C	max 2.0 %	0.429%
8	Chloride (Cl)	max 0.025 %	0.0007%
9	Fluoride	max 0.005 %	<0.005%
10	Barium (Ba)	passes test	Complies
11	Sulphate (SO_4)	max 0.25 %	0.0056%
12	Arsenic (As)	max 0.0003 %	0.000025%
13	Iron (Fe)	max 0.02 %	0.0045%
14	Lead (Pb)	max 0.0003 %	0.000015%
15	Heavy metals (as Pb)	max 0.002 %	0.00023%
16	Magnesium & Alkali salts	max 1.0 %	0.16%

Corresponds to meets of BP,IP,Ph Eur,FCC Grade

LABOTIQ product complies with the specifications of BP, IP, Ph Eur and FCC.

SUDIRO S.Si.
Manager QC