



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CALCIUM CARBONATE LR**

**CAS No : 471-34-1**  
**Mol. Formula : CaCO<sub>3</sub>**  
**Mol. WT : 100.09**  
**Date of analysis : 19/02/20**

**Product code : 13180**  
**Batch No : MCR-20911**  
**Mfd. : Feb. 2020**  
**Exp. : Jan. 2025**

S. R	Test	Specification	Observation
1	Description	A fine white powder.	A fine white powder.
2	Assay	98 % w/w min	99.04% w/w
3	Substance insoluble in acetic acid	0.2 % max	0.15%
4	Chloride (Cl)	0.02% max	< 0.02%
5	Sulphate (SO <sub>4</sub> )	0.3 % max	< 0.3 %
6	Heavy metals (as Pb)	0.002% max	< 0.002%
7	Iron (Fe)	0.02% max	< 0.02%
8	Barium(Ba)	Passes test	Passes test
9	Arsenic(As)	0.0003 % max	< 0.0003 %
10	Magnesium & alkali metals	1 % max	< 1 %
11	Loss On drying (200 <sup>0</sup> C, 4hrs)	2.0% max	0.72%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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