

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CALCIUM CARBONATE LR**

<b>CAS No</b>	: 471-34-1	<b>Product code</b>	: 13180
<b>Mol. Formula</b>	: CaCO <sub>3</sub>	<b>Batch No</b>	: MCR-32347
<b>Mol. WT</b>	: 100.09	<b>Mfd.</b>	: Nov. 2024
<b>Date of analysis</b>	: 09/11/24	<b>Exp.</b>	: Oct. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	A fine white powder.	A fine white powder.
2	<b>Assay</b>	98 % w/w min	99.63% w/w
3	<b>Substance insoluble in acetic acid</b>	0.2% max	0.10%
4	<b>Chloride (Cl)</b>	0.02% max	< 0.02%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.3% max	< 0.3%
6	<b>Heavy metals (as Pb)</b>	0.002% max	< 0.002%
7	<b>Iron (Fe)</b>	0.02% max	< 0.02%
8	<b>Barium(Ba)</b>	Passes test	Passes test
9	<b>Arsenic(As)</b>	0.0003% max	< 0.0003%
10	<b>Magnesium &amp; alkali metals</b>	1% max	< 1%
11	<b>Loss On drying (200<sup>0</sup>C, 4hrs)</b>	2.0% max	1.25%

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

**[Tested By]**



**CHEMIST  
(Akash)**

**[QC Incharge]**



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

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