



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CALCIUM SULPHATE (DIHYDRATE) AR**

<b>CAS No</b>	<b>: 10101-41-4</b>	<b>Product code</b>	<b>: 22510</b>
<b>Mol. Formula</b>	<b>: CaSO<sub>4</sub>.2H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCRT-25397</b>
<b>Mol. WT</b>	<b>: 172.17</b>	<b>Mfd.</b>	<b>: March 2022</b>
<b>Date of Analysis</b>	<b>: 30/03/22</b>	<b>Exp.</b>	<b>: Feb. 2027</b>

S. R	Test	Specification	Observation
1	Description	White to off white powder	White powder
2	Assay	99.0% min	99.14%
3	HCl insoluble matter	0.01% max	0.006%
4	Free acid (as H <sub>2</sub> SO <sub>4</sub> )	0.01% max	< 0.01%
5	Carbonate (CO <sub>3</sub> )	0.1% max	< 0.1%
6	Chloride (Cl)	0.002% max	< 0.002%
7	Nitrate (NO <sub>3</sub> )	0.002% max	< 0.002%
8	Loss on drying at 250°C	19 - 22%	19.87%
9	Iron (Fe)	0.0005% max	< 0.0005%
10	Lead (Pb)	0.002% max	< 0.002%
11	Potassium (K)	0.01% max	< 0.01%
12	Magnesium (Mg)	0.01% max	< 0.01%
13	Sodium (Na)	0.01% max	< 0.01%

**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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