

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 10101-41-4	<b>Product code</b>	: 22510
<b>Mol. Formula</b>	: CaSO <sub>4</sub> .2H <sub>2</sub> O	<b>Batch No</b>	: MCRT-28862
<b>Mol. WT</b>	: 172.17	<b>Mfd.</b>	: July 2023
<b>Date of Analysis</b>	: 25/07/23	<b>Exp.</b>	: June 2028

S.R	Test	Specification	Observation
1	<b>Description</b>	White to off white powder.	White powder.
2	<b>Assay</b>	99.0% min	99.63%
3	<b>HCl insoluble matter</b>	0.01% max	0.008%
4	<b>Free acid (as H<sub>2</sub>SO<sub>4</sub>)</b>	0.01% max	< 0.01%
5	<b>Carbonate (CO<sub>3</sub>)</b>	0.1% max	< 0.1%
6	<b>Chloride (Cl)</b>	0.002% max	< 0.002%
7	<b>Nitrate (NO<sub>3</sub>)</b>	0.002% max	< 0.002%
8	<b>Loss on drying at 250°C</b>	19 - 22%	17.27%
9	<b>Iron (Fe)</b>	0.0005% max	< 0.0005%
10	<b>Lead (Pb)</b>	0.002% max	< 0.002%
11	<b>Potassium (K)</b>	0.01% max	< 0.01%
12	<b>Magnesium (Mg)</b>	0.01% max	< 0.01%
13	<b>Sodium (Na)</b>	0.01% max	< 0.01%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Nikita)**

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

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