

## CERTIFICATE OF ANALYSIS

Product Name : CALCIUM SULPHATE DIHYDRATE 99% AR/ACS  
 Lot No. : B314462101 Analyzed On : 03-Jan-2021  
 Mol. Formula : CaSO<sub>4</sub>.2H<sub>2</sub>O Mol. Weight : 172.17  
 Code No. : 02480 CAS No. : 10101-41-4  
 Mfg. Date : Jan-2021 Exp. Date : Dec-2025  
 HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (as CaSO <sub>4</sub> .2H <sub>2</sub> O; complexometric)	99.0-102.0%	99.22%
3	Substance insoluble in HCl	Max 0.01%	<0.01%
4	Carbonate	Passes test	Passes test
5	Nitrate (NO <sub>3</sub> )	Passes test	Passes test
6	Free acid (as H <sub>2</sub> SO <sub>4</sub> )	Max 0.01%	Nil
7	Free alkali (as Ca(OH) <sub>2</sub> )	Max 0.01%	0.01%
8	Chloride (Cl)	Max 0.005%	0.005%
9	Total nitrogen (N)	Max 0.001%	<0.001%
10	Iron (Fe)	Max 0.001%	0.001%
11	Heavy metals (by ICP-OES)	Max 0.002%	0.000067%
12	Potassium (K)	Max 0.005%	0.00024%
13	Magnesium (Mg)	Max 0.01%	0.0030%
14	Sodium (Na)	Max 0.02%	0.0013%
15	Strontium (Sr)	Max 0.05%	0.010%

**CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.**

**LOBA CHEMIE PVT. LTD.**

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com

*This document has been produced electronically and it is valid without signature.*