

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM NITRATE AR

CAS No	: 13477-34-4	Product code	: 22490
Mol. Formula	: Ca(NO ₃) ₂ ·4H ₂ O	Batch No	: MCAR-01032
Mol. WT	: 236.15	Mfd.	: Dec. 2024
Date of analysis	: 30/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white deliquescent crystalline powder.	White deliquescent crystalline powder.
2	Assay	99.0 % min	99.31%
3	pH (5% aq.solution)	5 – 7.5	6.81
4	Insoluble matter	0.003%	0.001%
5	Chloride(Cl)	0.002%max	<0.002%
6	Phosphate (PO₄)	0.001% max	< 0.001%
7	Sulphate (SO₄)	0.005%max	< 0.005 %
8	Barium (Ba)	0.005%max	< 0.005%
9	Copper (Cu)	0.0005%max	< 0.0005%
10	Iron (Fe)	0.0005%max	< 0.001%
11	Lead (Pb)	0.001% max	< 0.001%
12	Magnesium (Mg)	0.015% max	< 0.015%
13	Potassium (K)	0.005%max	< 0.005%
14	Sodium (Na)	0.02% max	< 0.02%
15	Strontium (Sr)	0.01% max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**

[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.