

CERTIFICATE OF ANALYSIS


PRODUCT NAME : CALCIUM NITRATE TETRAHYDRATE LR

CAS No	: 13477-34-4	Product code	: 13270
Mol. Formula	: $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$	Batch No	: MCR-32794
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	98 % min	99.31%
3	Melting point	about 42 ^o C	42.9 ^o C
4	pH (5% Water)	5 - 7.5	6.81
5	Chloride(Cl)	0.005% max	< 0.005%
6	Sulphate (SO₄)	0.02 % max	< 0.02 %
7	Iron (Fe)	0.001% max	< 0.001%
8	Lead (Pb)	0.001% max	< 0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**

[QC Incharge]



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

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