



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM NITRATE TETRAHYDRATE LR

CAS No	: 13477-34-4	Product code	: 13270
Mol. Formula	: Ca(NO₃)₂.4H₂O	Batch No	: MCR-21896
Mol. WT	: 236.15	Mfd.	: Sept. 2020
Date of analysis	: 01/09/20	Exp.	: Aug. 2025

S. R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or crystalline powder.	Colourless deliquescent crystals.
2	Assay	98 % min	99.70%
3	Melting point	about 42 ^o C	42.7 ^o C
4	pH (5% Water)	4 - 6	5.90
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]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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