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An ISO 9001:2015 & ISO 14001:2015 Certified Company

Certificate of Analysis

Product Name : CALCIUM NITRATE TETRAHYDRATE LR

Batch Number : F24J204

Mfg. Month & Year : September, 2024

Product Code : 90357- 500 G **CAS Number** : 13477-34-4

: August, 2029

Exp. Month & Year

Test	Results	Specification
APPEARANCE	Complies	Colourless, deliquescent crystals.
APPEARANCE OF SOLUTION	Complies	Solution of 5 g in 50 ml of water is clear and colourless.
GUARANTEED ANALYSIS		
ASSAY	98.55%	NLT 98.0%
pH (5% aqueous solution)	6.894	4.0 - 7.0
MAXIMUM LIMITS OF IMPURITIES		
CHLORIDE(CI)	< 0.005%	0.005%
HEAVY METALS (as Pb)	< 0.001%	0.001%
IRON(Fe)	< 0.001%	0.001%
SULPHATE(SO ₄)	< 0.02%	0.02%
MAGNESIUM(Mg)	< 0.05%	0.05%

REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.

Dr. Rashmi Ranjan Mohanty

Director-Technical

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