
Certificate of Analysis

Product Name	: CALCIUM NITRATE TETRAHYDRATE LR	Product Code	: 90357- 500 G
Batch Number	: F24J204	CAS Number	: 13477-34-4
Mfg. Month & Year	: September, 2024	Exp. Month & Year	: August, 2029

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(Cl)	< 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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