

Certificate of Analysis

Product: Calcium Nitrate Tetrahydrate, ACS

Item Number: CNTGA

CAS#: 13477-34-4

Grade: ACS

Lot Number: 5002175/1.1

Manufacture Date: 05/16/2026

Expiration Date: 05/15/2030

Country of Origin: India

Tested Property	Specification	Analysis
Appearance	Colorless crystals	Colorless crystals
Assay	99.0 - 103.0%	99.32%
pH of a 5% solution @ 25°C	5.0 - 7.0	6.48
Insoluble matter	≤0.005%	0.0025%
Chloride	≤0.005%	<0.005%
Nitrite	≤0.001%	<0.001%
Sulfate	≤0.002%	<0.002%
Barium	≤0.005%	<0.005%
Heavy metals (by ICP-OES)	≤5 ppm	<5 ppm
Iron	≤5 ppm	<5 ppm
Magnesium	≤0.05%	0.005%
Potassium	≤0.005%	0.0022%
Sodium	≤0.01%	0.001%
Strontium	≤0.05%	0.0053%
Identification	To Pass Test	Passes

Store in a cool, dry, and well-ventilated environment away from combustible materials.

[Calcium Nitrate Tetrahydrate, ACS](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon

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