

Certificate of Analysis**Product: Calcium Nitrate Tetrahydrate, ACS****Item Number: CNTGA****CAS#: 13477-34-4****Grade: ACS****Lot Number: 5001660/2.1****Manufacture Date: 07/10/2025****Expiration Date: 07/09/2030****Country of Origin: India**

Tested Property	Specification	Analysis
Appearance	Colorless crystals	Colorless crystals
Assay	99.0 - 103.0%	99.53%
pH of a 5% solution @ 25°C	5.0 - 7.0	5.49
Insoluble matter	</=0.005%	0.003%
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%	0.003%
Potassium	</=0.005%	0.001%
Sodium	</=0.01%	0.001%
Strontium	</=0.05%	0.0062%
Identification	To Pass Test	Passes

Calcium Nitrate Tetrahydrate, ACS

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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