

**Certificate of Analysis**

**Product: Calcium Nitrate Tetrahydrate Crystal 99%**

**Item Number: CNTGA (C2520)**

**Grade: ACS**

**Lot Number: 5001660/2.1**

**Manufacture Date: 07/10/2025**

**Expiration Date: 07/09/2030**

**Country of Origin: India**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
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
Iron	< /=5 ppm	<5
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 Crystal 99%](#)

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

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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