

Certificate of Analysis

Product: Calcium Nitrate Tetrahydrate Crystal 99%

Item Number: CNTGA (C2520)

Grade: ACS

Lot Number: 5001140/1.1

Manufacture Date: 10/23/2024

Expiration Date: 10/22/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Colorless crystals	Colorless crystals
Assay	99.0 - 103.0%	100.87
pH of a 5% solution @ 25°C	5.0 - 7.0	6.12
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%	<0.05
Potassium	</=0.005%	<0.005
Sodium	</=0.01%	<0.01
Strontium	</=0.05%	<0.05

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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

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