



TECHNICAL DATA SHEET(TDS)
Calcium Nitrate Tetrahydrate, ACS
Product Specifications (CAS# 13477-34-4)

Test	Specification	Typical Results
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	Max 0.005%	0.003
Chloride	Max 0.005%	<0.005
Nitrite	Max 0.001%	<0.001
Sulfate	Max 0.002%	<0.002
Barium	Max 0.005%	<0.005
Heavy metals (by ICP-OES)	Max 5 ppm	<5
Iron	Max 5 ppm	<5
Magnesium	Max 0.05%	0.003
Potassium	Max 0.005%	0.001
Sodium	Max 0.01%	0.001
Strontium	Max 0.05%	0.0062

Appropriate/legal use of this product is the responsibility of the user.

[Calcium Nitrate Tetrahydrate, ACS](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
© 2026 Lab Alley