



Green Vision Technical Services

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CERTIFICATE OF ANALYSIS

Product Name:	Calcium Nitrate
Chemical Formula:	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
CAS Number:	13477-34-4
Grade:	Agricultural Grade - 100% Water Soluble
Batch Number:	CANO3-2025-001
Manufacturing Date:	January 15, 2025
Expiry Date:	January 15, 2028

ANALYTICAL SPECIFICATIONS

Parameter	Specification	Test Result
Appearance	White granular/crystalline	✓ Conforms
Nitrogen (N)	Min. 15.5%	15.8%
Calcium (CaO)	Min. 26.0%	26.5%
Moisture	Max. 1.0%	0.4%
Water Solubility	100%	100%
pH (10% solution)	5.0 - 7.0	6.2
Chloride (Cl)	Max. 0.1%	< 0.05%
Heavy Metals (as Pb)	Max. 10 ppm	< 5 ppm

✓ **CONCLUSION:** The above batch of Calcium Nitrate meets the specified quality standards and is APPROVED for release.

Analyzed by:

Approved by:

QC Analyst
Date: _____

QC Manager
Date: _____

This Certificate of Analysis is issued in accordance with ISO 17025:2017 standards