

TECHNICAL DATA SHEET (TDS)

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L-Alanine 98% Agricultural Grade

1. Identification

Product	L-Alanine 98% Agricultural Grade
Category	Biostimulants
Active Ingredient	L-Alanine
Formulation	WSP/Crystal
CAS Number	C3H7NO2
Formula	56-41-7
Grade	Agricultural Grade
Standard	FCO / ISO 17025:2017

2. Description

L-Alanine 98% Agricultural Grade — professional-grade agricultural input.

3. Dosage & Application

Foliar	1-3 ml/L or 0.5-1 g/L
Soil	As per label
Application	Foliar spray, soil drench, fertigation, seed treatment as per label

4. Storage & Packaging

Shelf Life	2-3 years
Storage	Store 5-40°C
Packaging	100ml-5L (liquids) / 100g-25kg (solids) — custom available
Compatibility	Compatible with most AIs. Jar test before tank mix. Avoid strongly alkaline.

Follow all label directions. User responsible for compliance.