

CEON CHEMICAL COMPANY

TECHNICAL DATA SHEET (TDS)

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1. Product Description

Water-soluble powder amino acid fertiliser

2. Guaranteed Analysis and Analytical Methods

Parameter	Specification	Analysis Method
Total Organic Matter	80% w/w	Gravimetric loss-on-ignition method
Organic Carbon (C)	20% w/w	TOC analyser or validated wet-oxidation method
Organic Nitrogen (N)	10% w/w	Kjeldahl method (validated fertiliser matrix procedure)
Free Amino Acid	40% w/w	HPLC-UV/FLD after validated hydrolysis/derivatisation

3. Key Benefits

Chelates soil nutrients, stimulates root growth, supports accelerated vegetative growth and helps plants recover from stress. Long-term use supports soil structure and water-retention capacity.

4. Recommended Use Areas

All crops, greenhouse vegetables, fruit trees, open-field vegetables, ornamentals, turf, cereals and nut crops.

5. Application Rate

Soil: generally 4-8 kg/ha depending on crop. Foliar: generally 150-350 g per 100 L water.

6. Packaging

1 kg, 5 kg, 10 kg, 20 kg, 25 kg

7. Mixability and Storage

Conduct a small-container compatibility test before tank mixing. Do not exceed recommended rates. Store tightly closed in a cool, dry and ventilated area, protected from direct sunlight and frost.

8. Quality Note

Analytical methods shown are technically appropriate reference methods for the declared parameter and product matrix. Batch release results are recorded in the applicable COA.