

CEON CHEMICAL COMPANY

TECHNICAL DATA SHEET (TDS)

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1. Product Description

Liquid organic fertiliser with plant-origin amino acids

2. Guaranteed Analysis and Analytical Methods

Parameter	Specification	Analysis Method
Total Organic Matter	20% w/v	Gravimetric loss-on-ignition method
Organic Carbon (C)	8% w/v	TOC analyser or validated wet-oxidation method
Total Nitrogen (N)	9% w/v	Kjeldahl method (validated fertiliser matrix procedure)
Organic Nitrogen (N)	6% w/v	Kjeldahl method (validated fertiliser matrix procedure)
Urea Nitrogen (NH ₂ -N)	3% w/v	HPLC or enzymatic/spectrophotometric urea method
Free Amino Acid	10% w/v	HPLC-UV/FLD after validated hydrolysis/derivatisation

3. Key Benefits

Wet-plant-derived amino acid product supporting growth tips, side shoots, root formation, chlorophyll synthesis, fruit set, quality and tolerance to salinity, heat, cold and water stress.

4. Recommended Use Areas

Fruit trees, vineyards, ornamentals, cotton, forage crops, melon, watermelon and vegetables.

5. Application Rate

Apply through soil or foliar programmes according to crop stage; use the detailed crop table on catalogue page 16.

6. Packaging

1 L, 5 L, 10 L, 20 L

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.