

CEON CHEMICAL COMPANY

TECHNICAL DATA SHEET (TDS)

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1. Product Description

Liquid micro- and macronutrient biostimulant with plant-origin amino acids

2. Guaranteed Analysis and Analytical Methods

Parameter	Specification	Analysis Method
Free Amino Acid	Catalogue declared	HPLC-UV/FLD after validated hydrolysis/derivatisation
Polysaccharides	Catalogue declared	Phenol-sulfuric acid spectrophotometric method
Nitrogen fractions	Catalogue declared	Validated in-house method appropriate to the product matrix
Iron (Fe)	0.4% w/v	ICP-OES after appropriate acid digestion/extraction
Manganese (Mn)	0.1% w/v	ICP-OES after appropriate acid digestion/extraction
Boron (B)	0.1% w/v	ICP-OES after appropriate acid digestion/extraction
Zinc (Zn)	0.085% w/v	ICP-OES after appropriate acid digestion/extraction
Molybdenum (Mo)	0.01% w/v	ICP-OES after appropriate acid digestion/extraction

3. Key Benefits

Balanced root-system biostimulant supporting early root growth, later vegetative development, nutrient uptake and recovery from stress and phytotoxicity.

4. Recommended Use Areas

Fruit trees, horticulture, hydroponics, extensive crops, ornamentals, nurseries and all crops.

5. Application Rate

Soil: generally 1-5 L/ha. Foliar: generally 50-300 cc per 100 L water.

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.