

ILSADRIP FORTE

CAS No.: 100085-61-8 Protein hydrolyzates, animal

REACH No.: Exempt from registration

1. Product information

Regulatory Framework	Fluid nitrogenous organic fertilisers – Liquid hydrolyzed animal epithelium pursuant to Legislative Decree of 29th April 2019, n.75. ALLOWED IN ORGANIC FARMING according to Reg. (EC) n. 834/2007, USDA/NOP-Final rule (USA) 205.105 (b), Reglamento Técnico para los Productos Orgánicos. DS N° 044-2006-AG.
Product description	ILSADRIP FORTE is an organic nitrogen fertigation agent based on GELAMIN® with a high level of organic nitrogen, organic carbon and amino acids. It is obtained through an enzymatic hydrolysis process and contains completely soluble protein nitrogen available to plants.
Functional properties	ILSADRIP FORTE increases the volume of roots and their exploration in the soil. It has a very high nutritional efficiency, thanks to the high content of organic nitrogen and amino acids and also improves soil fertility conditions, thanks to organic carbon. It is particularly suitable for "difficult" environmental situations (temperature changes, difficulty in nutritional absorption due to salinity, water crisis) and also promotes greater and balanced vegetative development.
Indications for use	ILSADRIP FORTE should be applied in fertigation, starting from the first vegetative phases of horticultural and tree crops, balancing their development. It can be applied throughout the vegetative cycle, until the beginning of ripening, ensuring a high nutritional efficacy that also allows for better fruit development and a better final quality.
Packaging	20 kg – 250 kg – 1200 kg
Physical state-Appearance	Liquid – Amber yellow

2. Analysis

Parameter	Value	Tolerance
<u>Chemical parameters:</u>		
Total Nitrogen (N)	9.0%	± 0.3
Organic Nitrogen (N)	9.0%	± 0.3
Organic Carbon (C)	24.5%	± 1.0
Total Amino Acids	> 50.0%	-
Dry matter	≥ 55.0%	-
Organic matter	≥ 50.0%	-
Ash	≤ 4.0%	-
Chlorides (Cl ⁻)	≤ 1.4%	-
<u>Physical parameters</u>		
Electrical conductivity 1:100 (dS/m)	0.70 – 0.10	-
Density (kg/dm ³)	1.22	± 0.02
pH	5.0 – 6.0	-
Dynamic viscosity at 25°C (cP)	100 - 180	-
Mw protein component (g/mol)	1327	± 300

3. Microbiological analysis

Parameter	Value	Method of analysis
Enterobacteriaceae (UFC/g)	< 10	ISO 21528-2 2004
Salmonella spp.	Absent in 25g	UNI EN ISO 6579-1:2017
Aerobic biodegradability	Readily biodegradable	OECD 310:2014

4. Warnings

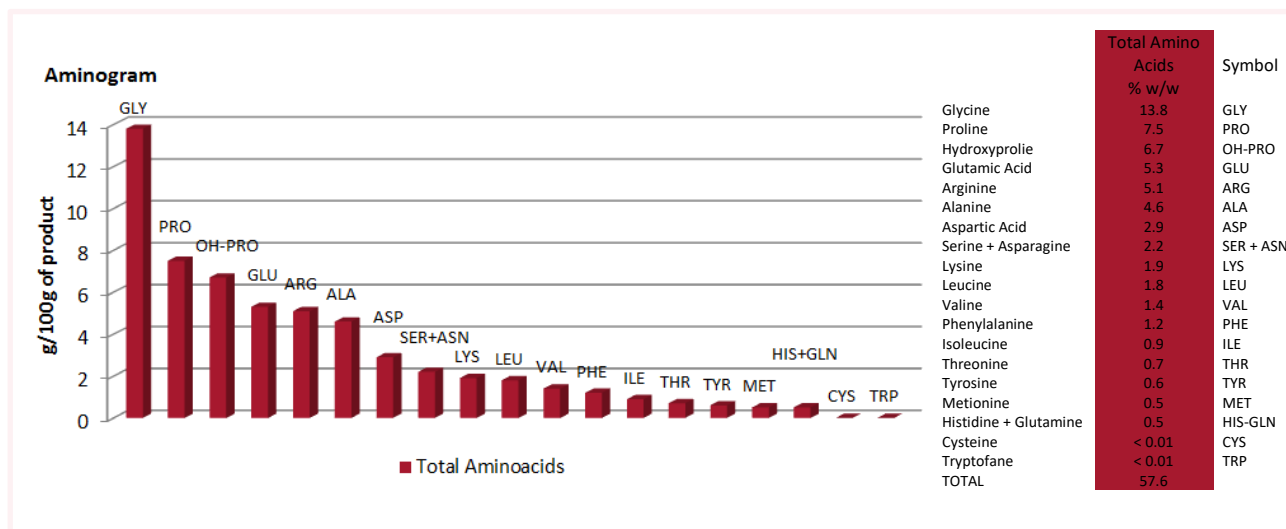
Storage	Store in a cool, dry place, away from children, sunlight and heat sources. Once opened keep in original container closed tightly. Keep containers upright and safe by avoiding the possibility of falls or collisions.
Handling /Hazard identification	Shake well before use. When used in conjunction with other agricultural products, adhere to all label requirements mentioned in technical data sheet and in the label.

5. Aminogram

Analysis method

Analysis performed by HPLC.

The data reported here are the best of our knowledge, but are not intended as product specifications.



6. Precautionary statement

Before using this product, read the Information Safety Data Sheet.

