

FERTORGANICO

CAS No.: 9000-70-8 Gelatins

REACH No.: Exempt from registration

1. Product information

Regulatory framework	Organic nitrogenous fertilisers – Hydrolysed gelatine for agricultural use according to the Italian Legislative Decree 29 April 2010, n.75. ALLOWED IN ORGANIC FARMING according to the Reg. (UE) 2018/848.
Product description	FERTORGANICO is an organic flake fertilizer based on slow-release nitrogen from AGROGEL® . It has a high nutritional and energetic function for the soil-plant system thanks to a high content of organic nitrogen and organic carbon, both fully extractable.
Functional properties	FERTORGANICO supplies, in a single application, all nitrogen requirements of the crops, thanks to the slow-released nitrogen total availability; it stimulates the soil microorganisms activity that regulate the nitrogen release according its natural cycles, therefore based on the real needs of the plants; it is not subject to nitrogen leached or wasted in the environment.
Indications for use	FERTORGANICO is particularly suitable for all tree crops and herbaceous crops with a long life-cycle. It ensures a balanced growth of plants with a single application at the beginning of the life-cycle. It is particularly suitable for applications in autumn and winter, thanks to the slow and balanced nitrogen release and the absence of nitrogen leached.
Packaging	25kg – 500kg
Physical state	Solid – Flake 2/5mm

2. Analysis

Parameter	Value	Tolerance
<u>Chemical parameters:</u>		
Total nitrogen (N)	11.0%	± 1.0
Organic nitrogen (N)	11.0%	± 1.0
Water soluble organic nitrogen (N)	5.0%	+ 0.5
Organic carbon (C)	40.0%	± 5.0
Extractable organic carbon (C)/total organic carbon (C)	95.0%	± 5.0
Total Aminoacids	70.0 – 85.0%	-
Dry matter	> 85.0%	-
Organic matter	> 70.0%	-
Ashes	9.5 – 11.5%	-
<u>Physical parameters:</u>		
Electrical conductivity 1:100 (dS/m)	0.90 – 1.30	-
Bulk density (kg/dm ³)	0.73	± 0.2
pH	4.5	± 0.5

3. Microbiological analysis

Parameters	Value	Method of analysis
Escherichia coli Beta-glucuronidasi positive (UFC/g)	< 10	ISO 16649-2: 2001
Salmonella spp.	Absent in 25g	UNI EN ISO 6579-1:2017
Aerobic biodegradability	Readily biodegradable	OECD 310:2014

4. Warnings

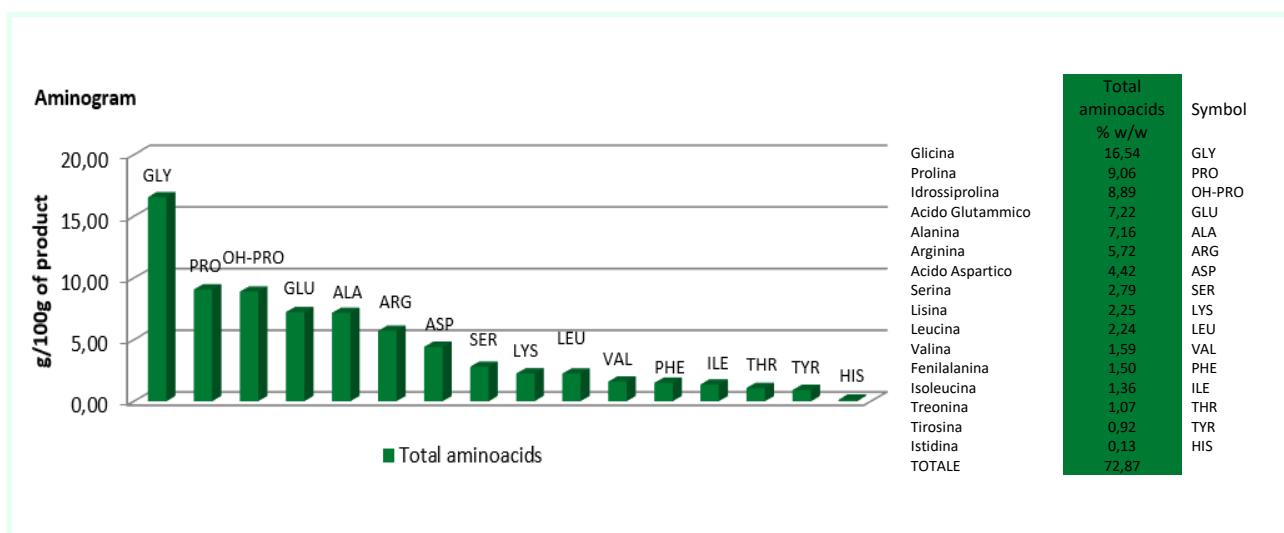
Storage	Store in a cool, dry place, away from children, sunlight and heat sources.
Use	When used in conjunction with other agricultural products, adhere to all label requirements mentioned in technical data sheet and in the label.

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. Precautions for use

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

