

## SOYBILS@

REACH No.: Exempt from registration

### 1. Product information

<b>Regulatory Framework</b>	<b>Specific action products - Biostimulants - Enzymatic hydrolyzate of Fabaceae</b> pursuant to Legislative Decree of 29th April 2019, n.75. ALLOWED IN ORGANIC FARMING according to Reg. (EU) 2018/848.
<b>Product description</b>	<b>SOYBILS@</b> is a plant biostimulant in liquid form obtained through an enzymatic hydrolysis process of soybean, belonging to the Fabaceae family. It contains organic nitrogen, organic carbon, potassium, sulfur, amino acids of plant origin, in form of both free amino acids and oligopeptides, betaine, flavonoids, vitamins, organic acids and triacontanol of natural origin.
<b>Functional properties</b>	The high content of amino acids, in particular glutamic acid and aspartic acid, betaine and natural triacontanol, together with the other active molecules, allows at <b>SOYBILS@</b> to have a multiple action on plants. On the one hand are encouraged the vegetative development of young seedlings, the growth of new shoots and the elongation of the flower cluster. On the other hand, the product has an effective action in regulating and increasing the development of fruits and their maturation, even in stressful situations. <b>SOYBILS@</b> increases photosynthetic efficiency, stimulates the synthesis of DNA and proteins and promotes the synthesis of secondary metabolites leading to an improvement of the final qualitative characteristics.
<b>Indications for use</b>	<b>SOYBILS@</b> can be used by foliar application, starting from the early vegetative phases of tree crops and post-transplantation of horticultural crops. Used in pre-flowering, it favors the elongation of the rachis of wine and table grapes and, in general, of the floral bunch, also on fruit gardens. Applied in post-setting, it regulates fruit development, ripening stages and increases final quality.
<b>Packaging</b>	1 kg – 5 kg – 20 kg
<b>Physical state-Appearance</b>	Liquid – Brown

## 2. Typical analysis

Parameter	Value	Tolerance
<b>Chemical parameters:</b>		
Total amino acids	14.0%	± 3.0
Free amino acids	3.0%	± 0.5
Hydrolysis degree	≥ 30.0%	-
Triacantanol of natural origin	> 6.0 mg/kg	-
Organic nitrogen (N)	3.0 – 4.0%	-
Total carbon (C)	23.5 – 24.5%	-
Total potassium oxide (K <sub>2</sub> O)	1.2 – 1.8%	-
Total sulfur trioxide (SO <sub>3</sub> )	0.9 – 1.5%	-
Betaine	6.0 – 7.0%	-
Dry matter	50.0 – 65.0%	-
Organic matter	45.0 – 60.0%	-
Ash	5.0 – 6.0%	-
<b>Physical parameters</b>		
Electrical conductivity 1:100 (dS/m)	1.8	± 0.3
Density (kg/dm <sup>3</sup> )	1.20	± 0.10
pH	4.0	± 0.5

## 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

## 4. Warnings

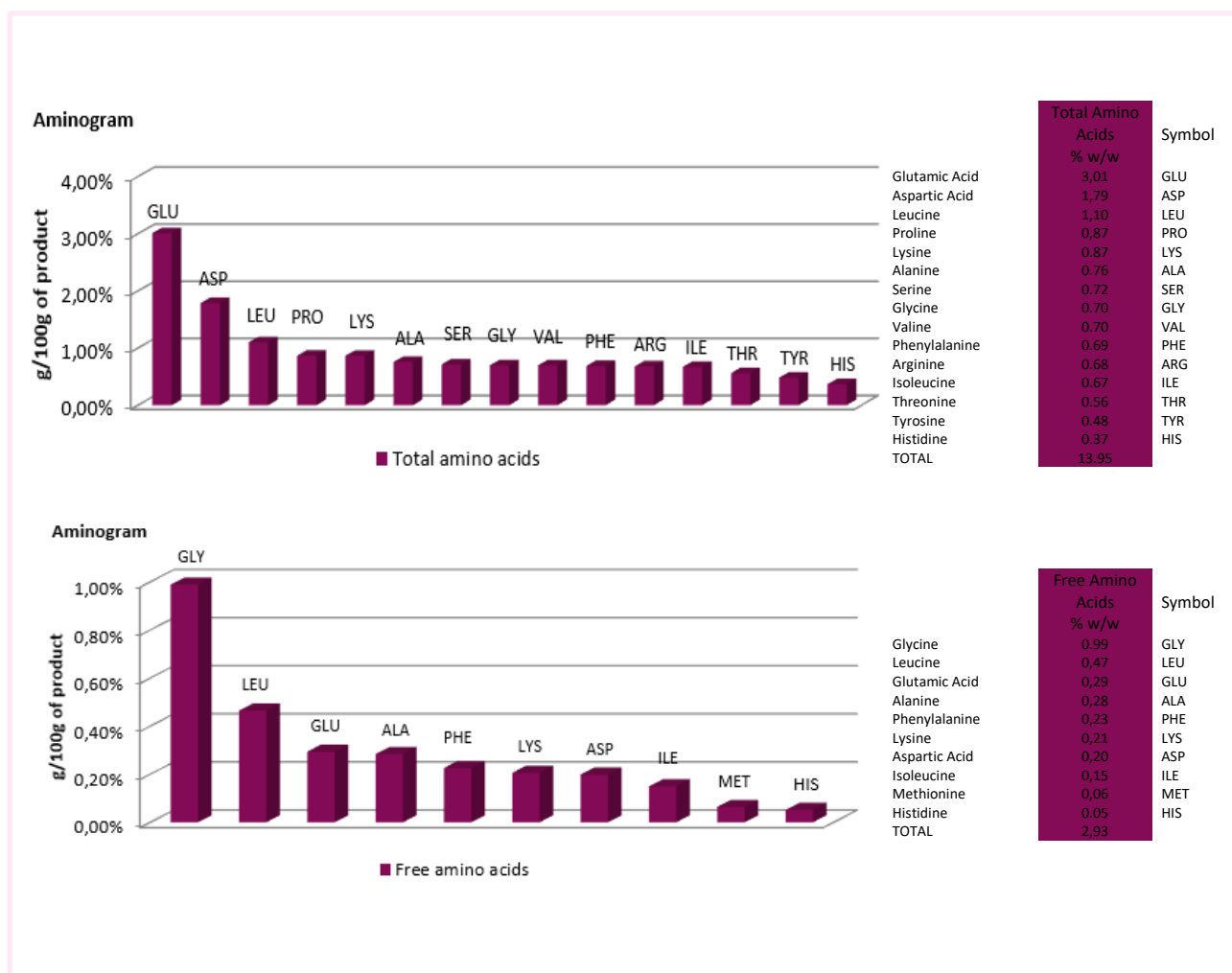
<b>Storage</b>	Store in a cool, dry place, away from children, sunlight and heat sources. Once opened keep in original container closed tightly. Keep containers upright and safe by avoiding the possibility of falls or collisions.
<b>Handling</b>	Shake well before use.

## 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.