

## Certificate of Analysis

Product: GABA and L-theanine  
 Customer: Supersmart

Ingredient	Pure Amount* in g/100ml (+/-3%)	LOT
<b>Aqua (filtered, purified)</b>		
Citric Acid Monohydrate [Citric Acid Mon]	<b>2[2]</b>	7221
Rosemary Extract [Carnosic Acid +]	<b>0.01[0.0059]</b>	8208
L-Theanine	<b>0.062</b>	7686
γ-Aminobutyric Acid - GABA	<b>0.83</b>	8201
L-Theanine	<b>1.94</b>	7686
γ-Aminobutyric Acid - GABA	<b>4.17</b>	7373
Phospholipids (FI)	<b>13</b>	8094
Glycerol	<b>35</b>	8193
Seabuckthorn Extract [SB]	<b>0.1[0.1]</b>	8128
Lemon flavour WILD	<b>1</b>	6994

\*Amounts used at time of production. Depletion occurs. Standard analytical methods may not detect full amounts. Any over-/underdosage by the customer would appear on the customer's label, not this document.

Packaging Variant	Amount	Addit. Info	LOT
B46 250ml White PET	991		8199
C06	991		8053
MC02	991		8052
C06	80	Attach to each bottle	8053
L-SPS501-02	1300		8206

Tolerance for label misalignment is +/- 3mm; customers are responsible for label validity and content.



B46



C06



MC02



C06

### Additional Notice (Info)

Status

**P\_shipped**

Internal only

Amount (l)

**265.0**

LD: 102.5%

VAL-e: 4.9

Internal only

Warranty (m)

**12**

Production Date

**2025/05/20**

Best-Before-Date

**2027/05/20**

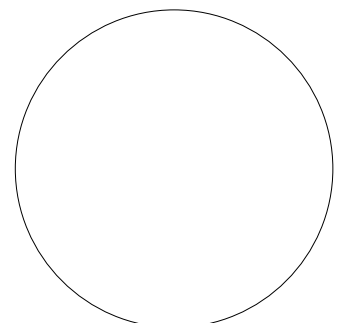
as printed

LOT:

**13340**

Based on: 10281

Valid without stamp  
or signature



## Declarations & Compliance

### Disclaimer

All data of this document has been processed with great care and is accurate to the best of our knowledge. Printing errors may occur. Our General Terms & Conditions apply.

### Marketability

Manufacturer produces Phospholipid Formulations according to the customer's order. Manufacturer does not verify marketability due to legal restrictions in any particular market. The customer is responsible for any compliance with any applicable law concerning marketability.

### Declaration on Residue Analysis

Maximum levels of residue of substances are met according to regulation (EG) Nr. 396/2005 and its updated versions. Derived from the analysis reports of our suppliers, we declare that maximum levels do not exceed levels set in (EG) Nr. 2023/915.

### HACCP & GMP Compliance

Manufacturer produces according to HACCP as defined in (EG) Nr. 852/2004 in which microbiological criteria of (EG) Nr. 2073/2005, USP 35 <2023> and aspects regarding food safety (EG) Nr. 178/2002, are implemented. Manufacturer has ISO 22000 and GMP certifications.

### Variations and Deviations

Many ingredients used in our formulations are considered being from a natural source. Their exact composition may vary from batch to batch, potentially resulting in alterations in the properties of the final phospholipid formulation. Consequently, variations in color, pH, viscosity, as well as the possibility of sedimentation are to be anticipated between batches, due to natural variations of the ingredients. Please note that we cannot be held liable for such variations. pH adjusting ingredients may be used in different quantities than stated in documents. As a results of our technological advancement, the phospholipid content for relevant formulas can be optimised in the range of 8-13%. Our primary objective is to maintain product quality and liposomal stability.

### Electromagnetic Wave Exposure Declaration

According to the information of our suppliers no ingredient was exposed to high energy electromagnetic radiation or ionization. The final product likewise was not exposed to such radiation.

### Storage & Handling Instructions

Must be stored at temperatures between +2 C - +21 C deg. Do not expose to direct sunlight.  
 Bulk: Stir up before processing/filling. Products containing Vitamin C should rest 6 weeks before filling.  
 Bottle/Unidose: Shake before use, except Vitamin C products. Consume within 8 weeks after unsealed.  
 Manufacturer is not responsible for box/container damage if original pallet arrangement has been altered.

### GMO Declaration

This product does not include organic compounds that have been genetically modified.

### Other Treatments and Contaminations

Our products are not treated with Ethylene Oxide (ETO) and 2-chlorethanol during production, packaging or storage. ETO is absent from our production site. Based on the information from our suppliers, any raw material is likewise not treated with ETO. We do not test every product for ETO, but do frequent tests on selected productions according to our external monitoring plan.

### Allergen Declaration

Our products are free from allergens according to regulation (EG) Nr. 1169/2011 and there is no risk of cross contamination on our premises. Possible exceptions are listed in the table below.

Egg	NO	Gluten acc. (EG) Nr. 828/2014	NO
Fish	NO	Crustaceans	NO
Mollusks	NO	Tree Nuts	NO
Soy (soya)	NO	Peanuts	NO
Sesame	NO	Lupin	NO
Mustard	NO	Celery	NO
Sulfur Dioxide (Sulfites)	NO	Lactose	NO

# PRODUCT MONITORING

Addendum to Certificate of Analysis (CoA)

## GABA and L-theanine

Date of Analysis	Laboratory	Monitor Cycle	
2025/05/21	PC-Mibi-Lab	S2	
Comment:			
Parameter	Target	Result	Method
pH	4.0-5.5	<b>4.44</b>	pH-Meter
Temperature	10-35	<b>20.3</b>	Temp-Sensor pH-meter (C)
Spec_Density	1.000-1.250	<b>1.120</b>	Aerometer (g/cm3)
Viscosity	15-400	<b>134.4</b>	Viscosimeter (mPas s)
Rel_Density	10-65	<b>40</b>	Refractometer (Brix%)
Color	-	<b>braun</b>	Optical/Pantone
Consistency	Creamy/Liquid	<b>light liquid</b>	Sensorical
Enterobact.	<10		EU 2073/2005 (cfu/ml)
Smell	-	<b>according to aroma used</b>	Sensorical
TPC_aerob	<1000		USP 35 <2023> (cfu/ml)
-	-		-
Yeast_Mold	<100		USP 35 <2023> (cfu/ml)

Valid without stamp  
 or signature

