

**TECHNICAL DATA SHEET**  
**TETRAPEPTIDE-7 Concentrate solution**

Effective date: 08.2024

**INFORMATION ON SUBSTANCE / MIXTURE**

|                       |   |
|-----------------------|---|
| INCI                  | Glycerin, Aqua, Palmitoyl Tetrapeptide-7    |
| Description           | Peptide solution, content 1000 ppm          |
| Raw material category | Active ingredient for cosmetic formulations |

**TECHNICAL DATA**

**Composition**

| Substance                | CAS no.     | %           |
|--------------------------|-------------|-------------|
| Glycerin                 | 56-81-5     | > 50        |
| Water (Aqua)             | 7732-18-5   | 20 – 50     |
| Palmitoyl Tetrapeptide-7 | 221227-05-0 | 0.05 – 0.15 |

**Physical and chemical parameters**

|                          |  |
|--------------------------|--|
| Appearance               | Liquid medium viscosity                  |
| Color                    | Slightly opaque, opalescent to yellowish |
| Odor                     | Faint characteristic                     |
| Relative density at 20°C | 1.050 – 1.250                            |
| pH                       | 4.0-6.0                                  |
| Solubility               | Dispersible in water, aqueous media      |

**Biological parameters**

|                               |               |
|-------------------------------|---------------|
| Total aerobic microbial count | < 1000 cfu/ g |
| Total yeast and mould count   | < 100 cfu/g   |
| Escherichia coli              | Absent/1g     |
| Pseudomonas aeruginosa        | Absent/1g     |
| Staphylococcus aureus         | Absent/1g     |
| Candida albicans              | Absent/1g     |

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**TRANSPORT, STORAGE and SHELF LIFE**

|                    |   |
|--------------------|---|
| Storage conditions | Store in a closed container in a cool, dry place protected from humidity. |
| Shelf Life         | 24 months in the recommended conditions.                                  |

**LEGISLATION, STATEMENTS**

|                                  |  |
|----------------------------------|--|
| Regulatory Status                | Product complies with Regulation (EU) No. 1223/2009 in all the defined requirements.   |
| BSE/TSE                          | Produced in the absence of any animal derived material of any type. No contamination with BSE/ TSE risk materials is to be expected.   |
| GMO status                       | Product does not contain GMO-DNA   |
| Nanomaterial statement           | Not expected to contain any nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products. |
| Volatile Organic Compounds (VOC) | Does not contain any ingredient that, according to the information provided by our suppliers, falls under the definition of Volatile Organic Compound (VOC) as described in Directive 2004/42/CE   |
| BSE/TSE                          | There is no risk of contamination with Bovine Spongiform Encephalopathy (BSE) through the use of this product.   |
| Ethanol                          | Does not contain   |
| Gluten- Status                   | Does not contain gluten  |
| Animal testing                   | Product has not been the subject of animal testing for cosmetic purposes according to EC Regulation 1223/2009  |
| Information for Vegan Assessment | Vegan and Vegetarian suitable. Manufacture does not involve the use of any animal product, by-product or ingredient. This product meets Vegan requirements, but it is not certified.   |
| Phthalates                       | The product does not contain, as an ingredient, any phthalate.   |
| CMR-Status                       | Product does not contain as an ingredient any substance classified as CMR (Carcinogenicity, Germ Cell Mutagenicity and Reproductive Toxicity) from classes 1A, 1B or 2 in accordance with CLP Regulation 1272/2008 and its subsequent amendments.                                      |
| Allergens                        | Product does not contain any of the 26 allergenic flavours or fragrances listed in   |

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|  | Regulation (EC) No. 1223/2009 Annex III. |
|--|--|

**DISCLAIMER**

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer respectively of our suppliers quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from our warehouse. We recommend you perform your own quality and or identification checks on receipt.

ELEMENTAL