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## ANALYSIS REPORT

# SOY PEPTONE A5S

**Ref : 19785**

|       |         |                    |                                |             |                                |
|-------|---------|--------------------|--------------------------------|-------------|--------------------------------|
| Batch | 245024E | Manufacturing date | 09 <sup>th</sup> December 2024 | Retest date | 09 <sup>th</sup> December 2027 |
|-------|---------|--------------------|--------------------------------|-------------|--------------------------------|

### Description:

Soy Peptone A5S is obtained through enzymatic hydrolysis of non-GMO soy isolate.

**Development status:** R&D laboratory ☐ Industrial scale ☒

**Lead-time for industrial production:** 2-3 months

### Quality and Sanitary Information:

|                       |                                     |                                                                  |
|-----------------------|-------------------------------------|------------------------------------------------------------------|
| Complete traceability | <input checked="" type="checkbox"/> |                                                                  |
| Non animal            | <input checked="" type="checkbox"/> |                                                                  |
| Non BSE               | <input checked="" type="checkbox"/> |                                                                  |
| Non GMO               | <input checked="" type="checkbox"/> | according to the European Regulations CE 1829/2003 and 1830/2003 |
| Non Allergen          | <input type="checkbox"/>            |                                                                  |

### Packing:

15 kg cardboard boxes

Upon request: 5 kg plastic drum

### Storage:

Keep in original packaging closed when not in use, at room temperature in a dry area.

Hygroscopic product.

### Health and safety information

Dusty powder. Avoid inhalation.

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| Analysis                           | Standards              | Results         |
|------------------------------------|------------------------|-----------------|
| Appearance.....                    |                        | Cream powder    |
| Solubility in water at 5 %.....    |                        | Complete        |
| pH (5 % solution) .....            |                        | 6.7             |
| Loss on drying.....                |                        | 1.9%            |
| Total nitrogen TN .....            |                        | 13.5%           |
| $\alpha$ -Amino nitrogen AN .....  |                        | 3.4%            |
| AN/TN x 100 .....                  |                        | 25%             |
| Residue on ignition .....          |                        | 10.8%           |
| Chloride (NaCl) .....              |                        | 0.3%            |
| Filterability at 5% * .....        |                        | 188sec          |
|                                    |                        |                 |
| Total aerobic microbial count..... | $\leq 5\,000/\text{g}$ | $< 3/\text{g}$  |
| <i>Staphylococcus aureus</i> ..... | absence/10 g           | Pass            |
| <i>Salmonella</i> .....            | absence/25 g           | Pass            |
| <i>Escherichia coli</i> .....      | absence/ g             | Pass            |
| Coliforms.....                     | $\leq 10 / \text{g}$   | Pass            |
| Yeasts and molds .....             |                        | $< 40/\text{g}$ |

|      |                               |
|------|-------------------------------|
| Date | 22 <sup>nd</sup> January 2025 |
|------|-------------------------------|

\* Filterability is measured by filtering 100mL of a 5% w/v peptone solution through a 0.22 $\mu\text{m}$  membrane.