

Certificate of Analysis

Ceapro Product Name: **CP Oat Beta Glucan Liquid**
 Ceapro Product Number: **901-3045**
 Customer Product Number: **3123013083 and 3123013081**
 Lot Number: **ED26D2**
 Manufacturing Date: **April, 2026**
 Expiry Date: **April, 2028**
 Storage Conditions: **Store at controlled room temperature only. Any unused portion should be kept sealed in the original container to avoid any contamination**
 Sales Order Number: **3462**
 Purchase Order Number: **3024982**

Product Characteristics	Specification	Analysis
Color	Colourless- Slightly Yellow	Slightly yellow
Appearance	Clear-Hazy liquid	Slightly hazy
Odor	Ceapro Reference Standard	Pass
Physical-chemical Properties		
Oat Beta Glucan Concentration ¹ (%)	0.90-1.10	0.92
Oat Beta Glucan Solution Viscosity ² (cP)	≥100	118.40
Protein ³ (%)	≤1.0	0.02
Turbidity ⁴ (NTU) @ 25°C	≤40	6.71
pH @ 25°C	4.50-5.50	4.58
Microbiological Properties		
Aerobic Plate Count ⁵ (cfu/mL)	<100	<10
Yeasts & Moulds ⁶ (cfu/mL)	<100	<10
Gram Negative Bacteria (cfu/mL)		
[<i>Escherichia coli</i> ⁷ , <i>Pseudomonas aeruginosa</i> ⁸ , and <i>Salmonella spp</i> ⁹]	Absent	Absent
<i>Staphylococcus aureus</i> ¹⁰ (cfu/mL)	Absent	Absent
Residual Solvent ¹¹ (%)	2.5 max	1.2

Preservative:

0.5% (w/w) Sodium benzoate, 0.3% (w/w) Potassium sorbate

References

¹ Assayed by Ceapro method (QC-SOP-008)

² Brookfield Viscometer Measurement method (QC-SOP-015)

³ Assayed by method of Kjeldahl: AOAC

⁴ Determination of Turbidity by Nephelometry (EPA Method 180.1)

⁵ Determination of the Aerobic Colony Count in Food (MFHPB-18)

⁶ Enumeration of Yeast and Moulds in Foods (MFHPB-22)

⁷ Enumeration of *E.coli* and Coliforms (MFHPB-34)

⁸ Enumeration of *Pseudomonas spp* (SOP LW 030)

⁹ Methods for the Detection of *Salmonella* (MFLP-29)

¹⁰ Enumeration of *Staphylococcus aureus* in Foods (MFHPB-21)

¹¹ Analysis of Ethanol Using Megazyme Method (QC-SOP-014)

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Date: August 13, 2026