

CERTIFICATE OF ANALYSIS

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| Product Name | Coco Betaine |
| Product Code | AL00105 |
| INCI Name | Coco Betaine, Sodium Chloride, Sodium Benzoate, Aqua |
| CAS Number | 61789-40-0, 7647-14-5, 532-32-1, 7732-18-5 |
| Lot Number | R250702050 |
| Manufacture Date | 07/2025 |
| Re-test Date | 07/2027 |

| Test Item | Specification | Result | Test Method |
|---|---|--------|---|
| Appearance | Colorless to pale yellow transparent liquid | Pass | Visual Inspection |
| Odor | Almost odorless | Pass | Sensory Evaluation |
| Color | ≤ 80 [APHA] | 33 | Liquid Colorimetry |
| pH Value | 4.5 – 6.0 | 5.4 | Potentiometric pH Measurement |
| Free Amine | ≤ 0.5 [%] | 0.2 | Extraction and Quantitative Determination |
| Active Substance Content (Assay) | 28.0 – 30.0 [%] | 29.3 | Gravimetric / Subtractive Analysis |
| Monochloroacetic Acid | ≤ 20 [mg/kg] | 4 | Ion Chromatography (IC) |
| Inorganic Salt Content | ≤ 6.0 [%] | 4.8 | Potentiometric Titration |

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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