



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issue Date: February 29, 2026

Quality Release Date: February 29, 2026

Product Information

| | |
|----------------|--|
| Product Name | Glucose Oxidase (Feed Grade) |
| Product Number | GOD-F20260229 |
| Batch Number | GOD-SH2026022901 |
| Brand | SIGALD |
| CAS Number | 9001-37-0 |
| EC Number | 232-601-0 |
| Formula | Enzymatic protein (microbial fermentation product) |
| Activity | 10,000 U/g |

Test Results

| Test | Specification (Industry Standard) | Result | Unit | Test Method |
|---|-----------------------------------|---------------------|-------|--|
| Appearance (Color) | Light yellow to brownish | Conforms | - | Visual Inspection |
| Appearance (Form) | Free-flowing powder | Free-flowing powder | - | Visual Inspection |
| Enzyme Activity | ≥ 10,000 U/g | 10,850 U/g | U/g | GB/T 23874-2009 |
| Loss on Drying | ≤ 8.0% | 6.3% | % | 105°C, 2h Gravimetry |
| Ash Content | ≤ 8.0% | 5.7% | % | 550°C, 3h Ignition |
| pH Value (1% in H ₂ O, 25°C) | 4.5 - 6.5 | 5.2 | - | Digital pH Meter |
| Heavy Metals (Pb) | ≤ 10 ppm | 2.4 ppm | ppm | Atomic Absorption Spectrometry (AAS) |
| Heavy Metals (As) | ≤ 2 ppm | < 0.5 ppm | ppm | Atomic Fluorescence Spectrometry (AFS) |
| Total Plate Count | ≤ 10 ⁴ CFU/g | 350 CFU/g | CFU/g | ISO 4833-1 |
| Yeast & Mold | ≤ 10 ² CFU/g | < 10 CFU/g | CFU/g | ISO 21527-2 |
| E. coli | Negative | Negative | - | ISO 16649-2 |
| Salmonella | Negative | Negative | - | ISO 6579-1 |
| Aflatoxin B1 | ≤ 5 µg/kg | < 1 µg/kg | µg/kg | HPLC |
| Carrier Compatibility | Conforms | Conforms | - | Laboratory Test |

Certification

This batch of Glucose Oxidase (Feed Grade) has been tested in accordance with the specified feed additive standards and meets all quality requirements. It is approved for release and use.