

## Certificate of Analysis

**Product Name:**

Plant Extract Deodorant

**Product Information**

**Product Number** PED-20260205  
**Batch Number** PED-SH2026020501  
**Brand** SIGALD  
**CAS Number** N/A (Complex plant extract mixture)  
**MDL Number** N/A (No specific MDL for composite plant extracts)  
**Formula** Blend of Natural Plant Extracts (e.g., Tea Polyphenols, Peppermint Extract, Bamboo Extract)  
**Formula Weight** Variable (Biological mixture)  
**Quality Release Date** 05 FEB 2026

**Test Results**

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Light green to pale yellow	Pale green	-	Visual Inspection
Appearance (Form)	Transparent to translucent liquid	Transparent liquid	-	Visual Inspection
Total Plant Extract Content	≥ 15.0%	16.8%	%	High Performance Liquid Chromatography (HPLC)
pH Value (25°C)	5.5-7.5	6.5	-	Digital pH Meter
Deodorization Efficiency (Ammonia, 2h)	≥ 90%	95.2%	%	Static Deodorization Test
Deodorization Efficiency (Hydrogen Sulfide, 2h)	≥ 85%	88.6%	%	Static Deodorization Test
Heavy Metals (Pb)	≤ 5 ppm	1.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.3 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Bacterial Count	≤ 100 CFU/mL	28 CFU/mL	CFU/mL	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Ethanol Content (as solvent)	≤ 5.0%	3.2%	%	Gas Chromatography (GC)
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

**Certification**

This batch of product has been tested in accordance with industrial standards for plant extract deodorants and meets all specified requirements. It is qualified for use.

Issue Date:05 FEB 2025