# IngredientOS

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## CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| Product Name | Gardenia Stems GX | Lot / Batch No. | BLP-GSGX-260915-50 |
| INCI Name | Glycerin, Gardenia Jasminoides Meristem Cell Culture, Xanthan Gum | Date of Manufacture | 15 September 2026 |
| Form | Liquid active (aqueous glycerin dispersion) | Expiration Date | 15 September 2028 |
| Batch size | 50 kg | Date of Analysis | 28 September 2026 |
| Country of Origin | United States | Recommended use | 0.5 – 3.0 % in finished formula |
| Appearance target | Yellow to brown liquid | Storage | Cool, dry, protected from light, 15–25 °C |

### ANALYTICAL RESULTS

| Test Parameter | Specification | Result | Method | Status |
|---|---|---|---|---|
| Appearance | Yellow to brown liquid | Complies | Visual | PASS |
| Odor | Characteristic, mild | Complies | Organoleptic | PASS |
| pH (as is, 25 °C) | 4.0 – 6.0 | 5.2 | Potentiometric | PASS |
| Specific gravity (20 °C) | 1.10 – 1.25 | 1.18 | Pycnometer | PASS |
| Viscosity | Dispersible, pourable | Complies | Visual | PASS |
| Solubility | Water-dispersible (pH ≤ 6) | Complies | Internal | PASS |
| Total aerobic count | < 100 CFU/g | < 10 CFU/g | USP <61> | PASS |
| Yeasts and molds | < 10 CFU/g | < 10 CFU/g | USP <61> | PASS |
| Pathogens | Absent / g | Absent | USP <62> | PASS |
| Heavy metals (as Pb) | ≤ 10 ppm | < 5 ppm | ICP-MS | PASS |

### USE & HANDLING

Product: Gardenia Stems GX is a liquid cosmetic active containing Gardenia Jasminoides meristem cell culture in a glycerin / xanthan system. Used for anti-aging, collagen support, brightening and skin firmness positioning.
How to use: Water-dispersible. Add during cool-down, below 50 °C, preferably at pH ≤ 6. Recommended incorporation: 0.5–3.0% of the finished formula.
Release: Lot BLP-GSGX-260915-50 (batch size 50 kg) complies with internal specification. Cosmetic use only. Not for ingestion or injection.

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| Approved by: | Quality Control Department | Authorized Signature: | _____ |
| Title: | QC Manager, IngredientOS | Date: | 28 September 2026 |