



CERTIFICATE OF ANALYSIS

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| Product | DODECYL GLUCOPYRANOSIDE |
| Grade | ULTRA PURE GRADE |
| Product Code | DJ683 |
| Formula | $C_{18}H_{36}O_6$ |
| MW | 348.5 |
| CMC | (H ₂ O) ~ 0.19 mM (0.0066%) |
| CAS# | 59122-55-3 |
| Lot No | |

| Test Items | Specifications | Results |
|--|--------------------------------|---------|
| Appearance | White solid | |
| Purity (by HPLC analysis) | ≥ 99% β+α | |
| Percent Anomer (HPLC) | < 2% α | |
| Percent Alcohol (HPLC) | < 0.005 Dodecanol | |
| pH (0.005% solution in water) | 5-8 | |
| Solubility | Practically insoluble in water | |
| Conductance (0.005% solution in water) | < 10 μS | |
| Fluorescence (0.005% solution in water at 345nm) | <10% | |
| Absorbance (0.005% solution in water) | | |
| 225nm | <0.2 | |
| 260nm | <0.06 | |
| 280nm | <0.06 | |
| 340nm | <0.06 | |

Storage: 2~8°C. Keep dry.