

Certificate of Analysis

Date of Testing: 2023-11-28 10:33:43
Date of Next Testing: 2026-11-27 10:33:43
Product Name: **Octylthiogalactoside**
CAS Number: 42891-16-7
Specifications & Purity: $\geq 98\%$
Lot #: K2321310
SKU #: **O339700**
Analysis: **293155**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.34 %
Specific Rotation $[\alpha]_{20}/D(c=1 \text{ in MeOH})$	-35~-31 ($^{\circ}$)	-34.98 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager