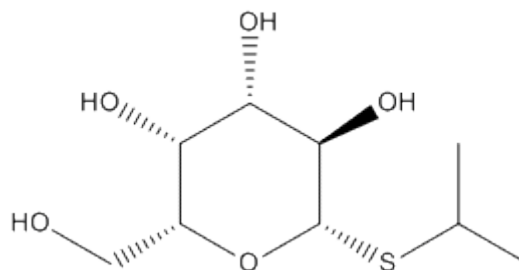


## Certificate Of Analysis

**Name:** Isopropyl beta-D-thiogalactoside  
**CAS No.:** 367-93-1  
**Cat No.:** A823371  
**Molecular Formula:** C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S  
**Molecular Weight:** 238.3  
**Batch No.:** I12082023  
**Mfg.Date:** 2023.08.12  
**Exp.Date:** 2025.08.11



Items	Specifications	Results
Appearance	White crystalline powder	Conforms
Purity	99%(min)	99.48%
Solubility (Concentration)	49.00 - 55.00 mg/mL	54.10 mg/mL
Solubility (Color & Turbidity)	Colorless, clear	Conforms
NMR (D <sub>2</sub> O)	Consistent with Structure	Conforms
Residual Detection of Dioxane Ring (GC)	Not Contain	Conforms
Specific Rotation	-28.00°-33.00°	-29.6 °
Conclusion	The product tested complies with the specifications.	

**Storage condition:** Store in a tightly closed container in a cool and dry place.

Checker:

\*If you have any comments and suggestions, please contact us by [sales@amadischem.com](mailto:sales@amadischem.com)

\*For laboratory or manufacturing use only, not for drug, food and household use.