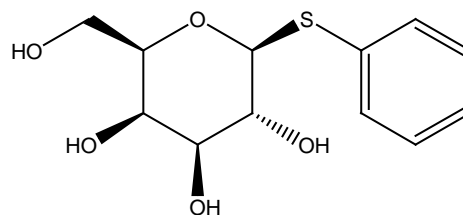


## Certificate Of Analysis

**Name:** Phenyl 1-thio-b-D-galactopyranoside  
**CAS NO.:** 16758-34-2  
**Cat NO.:** A810882  
**Batch No.:** P15122015  
**Mfg.Date:** 2015-12-15  
**Exp.Date:** 2017-12-14



Items	Specifications	Results
Appearance	White or slightly yellowish crystalline power	Conforms
Solubility	Soluble in water and insoluble in ether	Conforms
NMR and MS	Should comply	Conforms
Identification	IR and TLC	Conforms
M.P	110°C ~ 120°C	115°C -120°C
[α] <sub>D</sub> [c=0.88 inCH <sub>3</sub> OH].	-44° ~ -46°	-44.2°
Loss Weight On Dryness	Max. 1%	Conforms
Alpha-Isomer	Max. 0.5%	0
TLC (15%H <sub>2</sub> SO <sub>4</sub> -C <sub>2</sub> H <sub>5</sub> OH)	One spot	Conforms
Purity	95% (min)	Conforms
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)*