



Certificate of analysis

Product name: **Voglibose**

Cas number: **83480-29-9**

Molecular Formula: $C_{10}H_{21}NO_7$

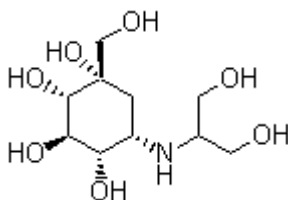
Molecular Weight: 267.13

Date of production: Jun. 28, 2019

Batch NO: 20190628

EXP DATE: Jun. 28, 2021

Chemical structure:



Items	Specifications	Test results
Description	A white powder	A white powder
Solubility	It is very slightly soluble in water, freely soluble in acetic acid, slightly soluble in methanol, and very slightly soluble in ethanol (99.5).	complies
Specific Rotation	$+45^{\circ} \sim +48^{\circ}$ (C=1 0.1mol/L HCl)	$+47.0^{\circ}$
pH	9.8 ~ 10.4	10.1
Water content	$\leq 0.5\%$	0.23 %
Ethanol	$\leq 0.5\%$	0.10 %
Individual impurity	$\leq 0.2\%$	0.08 %
Total impurities	$\leq 0.5\%$	0.12 %
Heavy metals	≤ 10 ppm	complies
Residue on Ignition	$\leq 0.1\%$	0.03 %
Assay	$> 99\%$	99.90 %

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang

