



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-N-dodecyl-B-D-maltoside

CAS: 69227-93-6

Batch Number: *FTF0260317* Batch Quantity: 60kg

Manufacture Date: Mar.15<sup>th</sup>,2026 Analysis Date: Mar.16<sup>th</sup>,2026 Certificate Date: Mar.17<sup>th</sup>,2026

**Storage** Store in cool & dry place. Store in well-closed containers.  
**Shelf life** 3 years when properly stored.

Tests	Specifications	Results
Appearance	White solid	Complies
Solubility	Easily soluble in water. Clear and colorless solution	Complies
NMR and MS	Should comply	Complies
Identification	IR and HPLC	Complies
Optical activity [α] <sub>20</sub> <sup>D</sup> , c=1 in H <sub>2</sub> O	+45°~+49°	+47.1°
pH(1% solution)	+5°~+8°	6.48
Heavy metal	Max.20ppm	Complies
Residue on ignition	Max.0.5%	0.02%
CMC(H <sub>2</sub> O)(0.0087%)	0.16mM1~0.18mM1	0.17mM1
Conductance (10% solution)	<40μS	Complies
Dodecanol	Max.0.5%	Complies
TLC	One spot	One spot
Assay	Min.98%	99.5%

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

