



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
n-Dodecyl-beta-D-maltoside	69227-93-6	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	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 [a] _D 20/D, c= 1 in H ₂ 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 ₂ O) (0.0087%)	0.16 mM1 ~ 0.18 mM1	0.17 mM1
Conductance (10% solution)	<40μS	Complies
Dodecanol	Max.0.5%	Complies
TLC	One spot	One spot
Assay	Min.98%	99.5%
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

