

# ZHEJIANG SYNOSE TECH CO., LTD

## CERTIFICATE OF ANALYSIS

PRODUCT NAME:  $\alpha$ -D-MANNOSE PENTAACETATE

BATCH NO.:20250114

DATE: 2025.01.19

PRODUCE DATE:20250114

EXPIRATION DATE: 2027.01.13

QUANTITY:150KGS

PACKING: 25KG/DRUM

### RESULTS OF ANALYSIS

ITEMS	STANDARDS	RESULTS
APPEARANCE	WHITE TO OFF-WHITE CRYSTALLINE POWDER	COMPLIES
ASSAY(ALKYLATED METHOD)	MORE THAN 98%	99.3%
SPECIFIC OPTICAL ROTATION[ $\alpha$ ] <sub>D</sub> <sup>20</sup> (C=1, CHCl <sub>3</sub> )	+51.0~+57.0°	+54.6°
MELTING POINT	64.0~75.0℃	72.2℃
WATER	NOT MORE THAN 1.0%	0.4%
RESIDUE ON IGNITION	NOT MORE THAN 0.1%	0.05%

CONCLUSION:THE PRODUCT CONFORMS TO STANDARDS.

INSPECTOR:

Wang Xiao Ya