

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-24 11:45:10
 Date of Next Testing: 2028-01-23 11:45:10
 Product Name: **Palatinose hydrate**
 CAS Number: 343336-76-5
 Specifications & Purity: Moligand™, ≥98%(HPLC)
 Lot #: A2415499
 SKU #: **P120973**
 Version: **1**
 Analysis #: **239978**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	118-127 (°C)	122.67000 °C
Water by Karl Fischer	0-6 (%)	3.50000 %
Purity(HPLC)	98-100 (%)	98.88700 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	97-101 (°)	100.97000 °
Appearance (P120973)	white powder	White powder
Clear colorless solution(50mg/ml,water)	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager