

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 10:15:13

Date of Next Testing: 2027-08-13 10:15:13

Product Name: **Palatinose hydrate**

CAS Number: 343336-76-5

Specifications & Purity: Moligand™, ≥98%(HPLC)

Lot #: H2309650

SKU #: **P120973**

Version: **1**

Analysis #: **254293**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	118-127 (°C)	124.69000 °C
Purity(HPLC)	98-100 (%)	98.51900 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	97-101 (°)	99.69200 °
Water by Karl Fischer	0-6 (%)	0.48000 %
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