

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 15:56:03

Date of Next Testing: 2027-01-10 15:56:03

Product Name: **H-Pyr-OH**

CAS Number: 98-79-3

Specifications & Purity: $\geq 99\%$

Lot #: C1921128

SKU #: **P106004**

Version: **1**

Analysis #: **177833**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.50000 %
Melting point	157-164 (°C)	162.10000 °C
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	-12--9 (°)	-9.66000 °
Purity(HPLC)	99-100 (%)	99.42000 %
Appearance (P106004)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager