

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-15 16:52:13
 Date of Next Testing: 2026-09-14 16:52:13
 Product Name: **H-Pyr-OH**
 CAS Number: 98-79-3
 Specifications & Purity: $\geq 99\%$
 Lot #: I2212201
 SKU #: **P106004**
 Version: **1**
 Analysis #: **106410**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.63000 %
Melting point	157-164 (°C)	160.89000 °C
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	-12--9 (°)	-10.27500 °
Purity(HPLC)	99-100 (%)	99.66600 %
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