

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-08 15:14:56

Date of Next Testing: 2027-05-07 15:14:56

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

CAS Number: 98-79-3

Specifications & Purity: $\geq 97\%$

Lot #: D2324708

SKU #: **P106003**

Version: **0**

Analysis #: **135460**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	-12--8 (°)	-10.27500 °
Melting point	157-164 (°C)	160.89000 °C
Purity(GC)	97-100 (%)	99.66600 %
Purity(Neutralization titration)	96.5-103.5 (%)	99.63000 %
Appearance (P106003)	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