

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-09 13:13:09

Date of Next Testing: 2028-05-08 13:13:09

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

CAS Number: 98-79-3

Specifications & Purity:  $\geq 97\%$

Lot #: I1621019

SKU # **P106003**

Version **0**

**Analysis #:** **355416**

Storage Temperature: Room temperature

| Parameter                                                       | Limit Values                          | Result                                |
|-----------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$ | -12--8 (°)                            | -11.13000 °                           |
| Melting point                                                   | 157-164 (°C)                          | 161.20000 °C                          |
| Purity(GC)                                                      | 97-100 (%)                            | 97.30000 %                            |
| Purity(Neutralization titration)                                | 96.5-103.5 (%)                        | 97.30000 %                            |
| 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