

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 20:30:26
 Date of Next Testing: 2026-02-09 20:30:26
 Product Name: **4-Hydroxy-2-pyrrolidone**
 CAS Number: 25747-41-5
 Specifications & Purity: $\geq 98\%$
 Lot #: B23031214
 SKU #: **H183207**
 Version: **1**
 Analysis #: **140431**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in-1-1 } ^\circ)}$ H ₂ O)		-0.09300 °
Purity(GC)	98-100 (%)	98.78400 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(H183207)	White to Off white to Light yellow powder to crystal	White to off white to Light yellow powder to crystal



John Su
QA & QC Manager