

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-22 23:14:51

Date of Next Testing: 2027-02-21 23:14:51

Product Name: **N-(p-Toluenesulfonyl)-3-pyrroline**

CAS Number: 16851-72-2

Specifications & Purity: $\geq 98\%$

Lot #: B2316615

SKU #: **N159522**

Version: **1**

Analysis #: **158208**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.13000 %
Melting point	122-131 (°C)	130.54000 °C
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(N159522)	White to Almost white powder to crystal	White to Almost white powder to crystal



John Su
QA & QC Manager