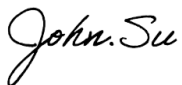


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 12:03:34
Date of Next Testing: 2027-12-14 12:03:34
Product Name: **Polyvinylpyrrolidone (PVP)**
CAS Number: 9003-39-8
Specifications & Purity: average Mw 58000,K29-32
Lot #: L2518462
SKU #: **P110607**
Version: **1**
Analysis #: **618748**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
pH	3-5	3.50
Water by Karl Fischer	0-5 (%)	2.90%
Nitrogen by Elemental Analysis	11.5-12.8 (%)	12.10%
K value	29-32	29.20
Appearance (P110607)	White or light yellow powder	White or light yellow powder
Identification	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager