

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-28 16:29:05
 Date of Next Testing: 2028-08-27 16:29:05
 Product Name: **Polyvinylpyrrolidone (PVP)**
 CAS Number: 9003-39-8
 Specifications & Purity: powder, average Mw~55,000
 Lot #: H2520557
 SKU #: **P434442**
 Version: **1**
 Analysis #: **547524**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH (5%, water) 25 ° C	3-5	3.39000
Water by Karl Fischer	0-5 (%)	4.64530 %
Nitrogen by Elemental Analysis	11.5-12.8 (%)	11.67200 %
Heavy metals	0-10 (ppm)	0.00000 ppm
K value	27-32	30.96000
Peroxide(as H ₂ O ₂)	0-400 (ppm)	149.00000 ppm
Formic Acid	0-0.5 (%)	0.35000 %
2-pyrrolidone	0-2 (%)	1.90000 %
Aldehydes	0-0.05 (%)	0.01140 %
Appearance(P434442)	White to yellowish-white hygroscopic powder or flakes	White to yellowish-white hygroscopic powder or flakes
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager