

Certificate of Analysis

Date of Testing: 2023-05-13 16:25:32
Date of Next Testing: 2026-05-12 16:25:32
Product Name: **Polyvinylpyrrolidone**
CAS Number: 9003-39-8
Specifications & Purity: suitable for plant cell culture, average mol wt 10,000
Lot #: E2308916
SKU #: **P434444**
Version: **1**
Analysis #: **206972**

Parameter	Limit Values	Result
pH(5% solution)	3-7	4.74000
Nitrogen by Elemental Analysis	11.5-12.8 (%)	11.81%
K-Value	13-19	15.60000
Appearance(P434444)	White to Off White Powder	White to Off White Powder
Solubility(100 mg/mL,H ₂ O)Clear,Faint Yellow to Light Yellow	pass	Pass
Plant cell culture test	pass	Pass
Infrared spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager