

## Certificate of Analysis

Date of Testing: 2023-06-12 15:40:51  
Date of Next Testing: 2026-06-11 15:40:51  
Product Name: **Polyvinylpyrrolidone solution**  
CAS Number: 9003-39-8  
Specifications & Purity: K60, 35% in H2O  
Lot #: F2308983  
SKU #: **P434439**  
Version: **2**  
Analysis #: **226863**

| Parameter           | Limit Values                          | Result                                |
|---------------------|---------------------------------------|---------------------------------------|
| Concentration       | 33-37 (%)                             | 36.11941%                             |
| K value             | 55-65                                 | 58.80                                 |
| Appearance(P434439) | Colorless to Very Light Yellow liquid | Colorless to Very Light Yellow liquid |
| Infrared spectrum   | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager