

## Certificate of Analysis

Date of Testing: 2024-09-21 14:36:18  
Date of Next Testing: 2027-09-21 14:36:18  
Product Name: **Polyvinylpyrrolidone**  
CAS Number: 9003-39-8  
Specifications & Purity: for molecular biology, nucleic acid hybridization tested, mol wt 360,000  
Lot #: I2413211  
SKU #: **P434443**  
Version: **3**  
Analysis #: **405792**

| Parameter  | Limit Values                   | Result                         |
|--|--------------------------------|--------------------------------|
| Nitrogen content   | 11.5-12.8 (%)                  | 12.10700 %                     |
| Solubility (40mg plus 4 ml purified water)<br>Clear to Slightly Hazy, Colorless<br>to Light Yellow | pass                           | Pass                           |
| Appearance(P434443)  | White to Faint Yellow<br>solid | White to Faint Yellow<br>Solid |
| Infrared spectrum  | Conforms to structure          | Conforms to Structure          |
| DNase, Exonuclease Detection   | None Detected                  | none detected                  |
| RNase Detection  | None Detected                  | none detected                  |
| NICKase, Endonuclease Detection  | none Detected                  | none detected                  |
| Dot Blot Suitable for nucleic acid hybridization   | Suitable                       | Suitable                       |



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QA & QC Manager