

## Certificate of Analysis

Date of Testing: 2022-02-21 17:17:32  
Date of Next Testing: 2024-02-11 17:17:32  
Product Name: **Poly(vinyl sulfate) potassium salt**  
CAS Number: 26837-42-3  
Specifications & Purity: average Mw ~(162.21)n  
Lot #: B2218425  
SKU #: **P111209**  
**Analysis:** **067743**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Potassium (K) by ICP Analysis	22-27 (%)	22.40%
Sulfate(SO42-)	0-0.05 (%)	0.01%
Degree of esterification	90-100 (%)	90.01%
Appearance (P111209)	White to Tan or Peach Crystals,Powder and/or Chunk	White to Tan or Peach Crystals,Powder and/or Chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H2O , Colorless to Dark Yellow,Clear to Slightly Hazy,2%	pass	Pass



John Su  
QA & QC Manager