

Certificate of Analysis

Date of Testing: 2025-03-01 14:04:42

Date of Next Testing: 2027-02-19 14:04:42

Product Name: **Poly(vinyl sulfate) potassium salt(PVSK)**

CAS Number: 26837-42-3

Specifications & Purity: average Mw ~(162.21)n

Lot #: B2524252

SKU #: **P111209**

Version: **0**

Analysis #: **469678**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Potassium (K) by ICP Analysis	≥21.2 (%)	29.80 %
Sulfate(SO42-)	0-0.05 (%)	0.04 %
Degree of esterification	90-100 (%)	90.10 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P111209)	White to Tan or Peach Crystals,Powder and/or Chunk	White to Tan or Peach Crystals,Powder and/or Chunk
Solubility in hot H2O , Colorless to Dark Yellow,Clear to Slightly Hazy,2%	pass	Pass



John Su
QA & QC Manager