

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-25 17:49:44  
Date of Next Testing: 2028-04-14 17:49:44  
Product Name: **Poly(vinyl sulfate) potassium salt(PVSK)**  
CAS Number: 26837-42-3  
Specifications & Purity: average Mw  $\sim(162.21)n$   
Lot #: D2620483  
SKU #: **P111209**  
Version: **0**  
Analysis #: **691906**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Potassium (K) by ICP Analysis	$\geq 21.2$ (%)	29.80000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.05 (%)	0.04500 %
Degree of esterification	90-100 (%)	90.23000 %
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 H <sub>2</sub> O , Colorless to Dark Yellow, Clear to Slightly Hazy, 2%	pass	Pass



John Su  
QA & QC Manager