

## Certificate of Analysis

Date of Testing: 2023-02-07 22:41:10  
Date of Next Testing: 2027-02-06 22:41:10  
Product Name: **Polyacrylonitrile**  
CAS Number: 25014-41-9  
Specifications & Purity: average Mw 149000~151000  
Lot #: B2302363  
SKU #: **P303197**  
**Analysis:** **184373**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
mol wt average MW	149000-151000	150000.00
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P303197Form)	Powder or chunks	Powder or chunks
Appearance (P303197Color)	White to Yellow	White to Yellow



John Su  
QA & QC Manager