

## Certificate of Analysis

Date of Testing: 2023-12-20 15:55:37  
Date of Next Testing: 2027-12-19 15:55:37  
Product Name: **Polyacrylonitrile**  
CAS Number: 25014-41-9  
Specifications & Purity: average Mw 149000~151000  
Lot #: L2315288  
SKU #: **P303197**  
**Analysis:** **302435**  
Storage Temperature: Room temperature

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



John Su  
QA & QC Manager