

## Certificate of Analysis

Date of Testing: 2023-02-25 13:29:09  
Date of Next Testing: 2026-02-24 13:29:09  
Product Name: **Polyquaternium-10**  
CAS Number: 81859-24-7  
Specifications & Purity: viscosity 300-500 mPa.s(aqueous solution,25°C)  
Lot #: B2317285  
SKU #: **P341830**  
**Analysis:** **192608**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen	1.7-2.2 (%)	1.74 %
Loss on drying	≤6 (%)	5.99 %
Viscosity(C=2%, H2O @ 25°C)	300-500 (mPa·S)	449.00 mPa·S
Appearance(P341830)	White to pale yellow powder	White to pale yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager