

## Certificate of Analysis

Date of Testing: 2023-05-23 15:32:14  
Date of Next Testing: 2027-05-22 15:32:14  
Product Name: **L-Glutamic acid polymer**  
CAS Number: 25513-46-6  
Specifications & Purity: MW:>700000  
Lot #: E2318560  
SKU #: **G301751**  
Analysis: **176746**

Parameter	Limit Values	Result
mol wt average MW	700000-1500000	1100000.00
Appearance (G301751Form)	Powder,crystals,solid	Powder,crystals,solid
Appearance (G301751Color)	White to off-white	White to off-white
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager