

## Certificate of Analysis

Date of Testing: 2023-08-07 17:07:22  
Date of Next Testing: 2026-08-06 17:07:22  
Product Name: **Polyaniline (emeraldine salt)**  
CAS Number:  
Specifications & Purity: average Mw >15,000, powder (Infusible), 3-100µm particle size  
Lot #: H2303640  
SKU #: **P478292**  
**Analysis: 256505**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	60-65 (%)	61.60 %
Nitrogen by Elemental Analysis	5-8 (%)	6.20 %
Average Molecular Weight	≥15000	15000.00
Particle size	3-100 (µm)	4.20 µm
Appearance(P478292)	Dark to Very Dark Green and Black Powder	Dark to Very Dark Green and Black Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager