

Certificate of Analysis

Date of Testing: 2023-04-15 16:00:18
Date of Next Testing: 2026-04-14 16:00:18
Product Name: **MnTMPyP pentachloride**
CAS Number: 100012-18-8
Specifications & Purity: $\geq 95\%$
Lot #: D23031240
SKU #: **M342517**
Analysis: **203207**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.00%
Carbon by Elemental Analysis	55-58 (%)	56.91%
Nitrogen by Elemental Analysis	11.47-12.57 (%)	11.56%
Infrared spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Mn Component	Confirmed	Confirmed
Appearance(M342517)	Black crystalline powder	Black crystalline powder



John Su
QA & QC Manager