

Certificate of Analysis

Date of Testing: 2022-02-15 14:06:26
Date of Next Testing: 2024-02-15 14:06:26
Product Name: **Tetrachlorophthalonitrile**
CAS Number: 1953-99-7
Specifications & Purity: 98%
Lot #: E2305864
SKU #: **T132947**
Analysis: **073428**

Parameter	Limit Values	Result
Purity(O ₂ AgNO ₃ titration with after combustion)	97.5-102.5 (%)	99.81%
Purity(HPLC)	98-100 (%)	99.32600%
Melting point	249-253 (°C)	251.21000 °C
Appearance (T132947)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager