

Certificate of Analysis

Date of Testing: 2022-11-04 17:31:05

Date of Next Testing: 2026-11-03 17:31:05

Product Name: **4,5-Diaminophthalonitrile**

CAS Number: 129365-93-1

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: J2229254

SKU #: **D154536**

Version: **0**

Analysis #: **137758**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84600 %
Melting point	264-276 (°C)	271.37000 °C
Appearance (D154536)	pale yellow to gray-yellow red crystals or powder	pale yellow to gray-yellow red crystals or powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager