

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 10:05:04

Date of Next Testing: 2027-03-08 10:05:04

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

CAS Number: 129365-93-1

Specifications & Purity: >98.0%(HPLC)

Lot #: E1922142

SKU #: **D154536**

Analysis: **196108**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10800 %
Melting point	264-276 (°C)	270.60000 °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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager