

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-07 11:48:03

Date of Next Testing: 2027-08-06 11:48:03

Product Name: **1,2-Dinitrobenzene**

CAS Number: 528-29-0

Specifications & Purity: $\geq 98\%$

Lot #: H2303394

SKU #: **D111111**

Version **0**

Analysis #: **249107**

Parameter	Limit Values	Result
Melting point	116-119 (°C)	118.74000 °C
Purity(GC)	98-100 (%)	98.77000 %
Nitrogen by Elemental Analysis	15.8-17.2 (%)	16.38500 %
Carbon by Elemental Analysis(anhydrous)	41.5-43.3 (%)	42.55900 %
Appearance (D111111)	Yellow to Orange to Brown Powder or Crystals	Yellow to Orange to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Clear, Yellow to Yellow-Green to Brown, C=5%	pass	Pass



John Su
QA & QC Manager