

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-24 12:07:38

Date of Next Testing: 2027-03-23 12:07:38

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

CAS Number: 528-29-0

Specifications & Purity: $\geq 98\%$

Lot #: C2316895

SKU #: **D111111**

Version: **0**

Analysis #: **193853**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.70900 %
Nitrogen by Elemental Analysis	15.8-17.2 (%)	16.24200 %
Carbon by Elemental Analysis(anhydrous)	41.5-43.3 (%)	43.29200 %
Melting point	116-119 (°C)	116.02000 °C
Appearance (D111111)	Yellow to Orange to Brown Powder or Crystals	Yellow to Orange to Brown Powder or Crystals
Solubility in CHCL ₃ , Clear, Yellow to Yellow-Green to Brown, C=5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager