

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-15 14:17:45

Date of Next Testing: 2027-12-14 14:17:45

Product Name: **2,3-Dimethylphenylhydrazine hydrochloride hydrate**

CAS Number: 123333-92-6

Specifications & Purity: 98%

Lot #: B2006053

SKU #: **D130097**

Analysis: **305088**

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.26 %
Purity(HPLC)	98-100 (%)	98.14000 %
Water by Karl Fischer	0-18 (%)	2.35 %
Appearance (D130097)	yellow to brown solid	yellow to brown solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager