

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-04 17:52:32

Date of Next Testing: 2027-08-03 17:52:32

Product Name: **p-Dimethylaminobenzalrhodanine**

CAS Number: 536-17-4

Specifications & Purity: 98%

Lot #: H2302582

SKU #: **D109271**

Analysis: 245810

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.24 %
Purity(HPLC)	98-100 (%)	99.31800 %
Melting point	275-286 (°C)	275.27000 °C
Appearance (D109271)	Faint Red to Very Dark Red Powder	Faint Red to Very Dark Red Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability for Silver-analysis	pass	Pass
Absorption $\lambda_{\max}$	451 nm	451 nm

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

John Su
QA & QC Manager