

Certificate of Analysis

Date of Testing: 2023-11-14 13:04:23

Date of Next Testing: 2027-11-13 13:04:23

Product Name: **p-Dimethylaminobenzalrhodanine**

CAS Number: 536-17-4

Specifications & Purity: 98%

Lot #: K2303624

SKU #: **D109271**

Analysis: 281848

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.10 %
Purity(HPLC)	98-100 (%)	99.89000 %
Melting point	275-286 (°C)	285.14000 °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



John Su
QA & QC Manager