

Certificate of Analysis

Date of Testing: 2024-11-04 11:05:11

Date of Next Testing: 2028-11-03 11:05:11

Product Name: **p-Dimethylaminobenzalrhodanine**

CAS Number: 536-17-4

Specifications & Purity: $\geq 98\%$

Lot #: A2114084

SKU #: **D109271**

Version **0**

Analysis #: **429830**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	101.94 %
Purity(HPLC)	98-100 (%)	98.17000 %
Melting point	275-286 (°C)	285.45800 °C
Appearance (D109271)	Faint Red to Very Dark Red Powder	Faint Red to Very Dark Red Powder
Absorption $\lambda_{\max}$	451 nm	451 nm
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Suitability for Silver-analysis	pass	Pass



John Su
QA & QC Manager