

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-08 12:32:44

Date of Next Testing: 2027-02-07 12:32:44

Product Name: **4,4'-Dipyridyl disulfide**

CAS Number: 2645-22-9

Specifications & Purity: $\geq 98\%$

Lot #: B2301574

SKU #: **D109419**

Version **0**

Analysis #: **042590**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.12050 %
Carbon by Elemental Analysis	53.1-55.9 (%)	54.74000 %
Melting point	74-79 (°C)	76.73000 °C
Nitrogen by Elemental Analysis	12.4-13 (%)	12.58000 %
Sulfur by Elemental Analysis	28.3-29.8 (%)	29.79000 %
Appearance (D109419)	White to Yellow to Tan Powder, Crystals or Flakes	White to Yellow to Tan Powder, Crystals or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 95% EtOH , Colorless to Light Yellow, Clear, C = 5%	pass	Pass



John Su
QA & QC Manager