

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-08 17:20:02

Date of Next Testing: 2027-08-07 17:20:02

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

CAS Number: 2645-22-9

Specifications & Purity: $\geq 98\%$

Lot #: H2304412

SKU #: **D109419**

Version: **0**

Analysis #: **182469**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.62000 %
Melting point	74-79 (°C)	78.62000 °C
Sulfur by Elemental Analysis	28.3-29.8 (%)	28.31000 %
Carbon by Elemental Analysis	53.1-55.9 (%)	54.46100 %
Nitrogen by Elemental Analysis	12.4-13 (%)	12.69200 %
Appearance (D109419)	White to Yellow to Tan Powder, Crystals or Flakes	White to Yellow to Tan Powder, Crystals or Flakes
Solubility in 95% EtOH , Colorless to Light Yellow, Clear, C = 5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager