

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-18 10:07:04

Date of Next Testing: 2024-11-17 10:07:04

Product Name: **Ethyl viologen diperchlorate**

CAS Number: 36305-51-8

Specifications & Purity: $\geq 98\%$

Lot #: C1914023

SKU #: **E133401**

Version: **0**

Analysis #: **156994**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.21800 %
Nitrogen by Elemental Analysis	6.5-7.1 (%)	6.70000 %
Carbon by Elemental Analysis	39.7-41.7 (%)	40.50000 %
Appearance (E133401)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless, Clear, 2.5%	pass	Pass



John Su
QA & QC Manager