

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-15 09:28:49
 Date of Next Testing: 2027-04-15 09:28:49
 Product Name: **Merocyanin 540**
 CAS Number: 62796-23-0
 Specifications & Purity: Dye content,90%
 Lot #: D2507564
 SKU #: **M131534**
 Version: **0**
 Analysis #: **474654**
 Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	95.80000 %
Hydrogen by Elemental Analysis	4.9-5.8 (%)	4.98000 %
Carbon by Elemental Analysis	49.1-55 (%)	49.50000 %
Appearance (M131534)	Blue to dark to very dark to black purple powder or crystals	Blue to dark to very dark to black purple powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager