

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-05 10:59:11

Date of Next Testing: 2028-06-05 10:59:11

Product Name: **Merocyanin 540**

CAS Number: 62796-23-0

Specifications & Purity: Dye content,90%

Lot #: D2516244

SKU #: **S49257**

Version **0**

Analysis #: **500709**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	99.27000 %
Hydrogen by Elemental Analysis	4.9-5.8 (%)	5.36 %
Carbon by Elemental Analysis	49.1-55 (%)	49.56 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S49257)	Blue Powder or crystals	Blue Powder or crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

