

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-04 10:40:39

Date of Next Testing: 2028-02-03 10:40:39

Product Name: **Quinizarin Green SS**

CAS Number: 128-80-3

Specifications & Purity: $\geq 98\%$

Lot #: A2431263

SKU #: **Q160824**

Version: **2**

Analysis #: **315221**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(with Total Nitrogen)	98-100 (%)	98.99000 %
Lambda max(Acetone)	508-603 (nm)	602.00000 nm
Lambda max.2(Acetone)	635-640 (nm)	638.00000 nm
Extinction Coefficient(591-611nm,in Acetone)	≥ 14000	14096.84210
Extinction Coefficient(624-644nm,in Acetone)	≥ 15000	15000.10000
Appearance(Q160824)	Gray to Dark purple to Black powder to crystal	Gray to Dark purple to Black powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager