

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 13:23:32

Date of Next Testing: 2027-03-06 13:23:32

Product Name: **Bismarck Brown Y**

CAS Number: 10114-58-6

Specifications & Purity: Biological stain

Lot #: C2303222

SKU #: **B113297**

Version: **0**

Analysis #: **194760**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Dye Content	≥50 (%)	89.60000 %
Extinction Coefficient(454-460nm,C=10mg/l,Acidified 50%EtOH)	≥32000	90000.00000
Appearance (B113297)	Pale brown to red brown solid	Pale brown to red brown solid
Biological Stain Test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Red-Orange to Dark Red,Clear to Turbid ,10mg/ml	pass	Pass
TLC	corresponds to standard	corresponds to standard



John Su
QA & QC Manager