

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-11 16:37:47
Date of Next Testing: 2027-01-10 16:37:47
Product Name: **Hematoxylin**
CAS Number: 517-28-2
Specifications & Purity: $\geq 98\%$
Lot #: A2402107
SKU #: **H432819**
Analysis: **313519**
Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(HPLC area) | 98-100 (%) | 99.01 % |
| Water by Karl Fischer | 0-16 (%) | 5.68 % |
| Appearance(H432819) | Faint Yellow to Yellow and Faint Orange to Orange and Faint Beige to Beige and Faint Brown to Brown Powder | Faint Yellow to Yellow and Faint Orange to Orange and Faint Beige to Beige and Faint Brown to Brown Powder |
| Solubility in EtOH , Yellow to Orange to Brown Clear to Very Slightly Hazy,1 mg/mL | Pass | Pass |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager