

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-04 16:37:51  
Date of Next Testing: 2026-01-03 16:37:51  
Product Name: **4-[4-(Dimethylamino)phenylazo]benzoic acid N-succinimidyl ester**  
CAS Number: 146998-31-4  
Specifications & Purity:  $\geq 97\%$   
Lot #: F2413035  
SKU #: **D131109**  
Version: **1**  
Analysis #: **311055**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	96.5-103.5 (%)	99.50 %
Purity(HPLC)	97-100 (%)	98.82000 %
Appearance (D131109)	Red to Very Dark Red to Light yellow to Amber to Dark green Crystals or Powder	Red to Very Dark Red to Light yellow to Amber to Dark green Crystals or Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager