

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-06 17:54:54
Date of Next Testing: 2028-09-05 17:54:54
Product Name: **4,4',4'',4'''-(Porphine-5,10,15,20-tetrayl) tetrakis(benzoic acid)**
CAS Number: 14609-54-2
Specifications & Purity: 97%
Lot #: I2404448
SKU #: **P115336**
Version: **1**
Analysis #: **399589**

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	97.66 %
Purity(HPLC)	97-100 (%)	98.11600 %
Appearance (P115336)	Dark Blue to Purple to Black Powder to Crystal	Dark Blue to Purple to Black Powder to Crystal
NMR (1H-NMR)	complies	complies
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager