

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-16 10:47:12
Date of Next Testing: 2028-10-15 10:47:12
Product Name: **4,4',4'',4'''-(Porphine-5,10,15,20-tetrayl) tetrakis(benzoic acid)**
CAS Number: 14609-54-2
Specifications & Purity: $\geq 97\%$
Lot #: L2022101
SKU #: **P115336**
Version: **1**
Analysis #: **420825**

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	97.10%
Purity(HPLC)	97-100 (%)	97.10000%
Appearance (P115336)	Dark Blue to Purple to Black Powder to Crystal	Dark Blue to Purple to Black Powder to Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies



John Su
QA & QC Manager