

Certificate of Analysis

Date of Testing: 2022-01-13 11:39:30
Date of Next Testing: 2026-01-12 11:39:30
Product Name: 4,4',4'',4'''-(Porphine-5,10,15,20-tetrayl) tetrakis(benzoic acid)
CAS Number: 14609-54-2
Specifications & Purity: 97%
Lot #: A2207931
SKU #: P115336
Analysis: 050830

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	99.50%
Purity(HPLC)	97-100 (%)	97.82300%
Appearance (P115336)	Purple Powder	Purple Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies
Suitability for HPLC-analysis	pass test	pass test



John Su
QA & QC Manager