

Certificate of Analysis

Date of Testing: 2022-09-22 10:36:56

Date of Next Testing: 2024-09-21 10:36:56

Product Name: **3,9-Bis(octadecyloxy)-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane**

CAS Number: 3806-34-6

Specifications & Purity: reagent

Lot #: E2325243

SKU # **B118584**

Analysis: 138512

Parameter	Limit Values	Result
Carbon by Elemental Analysis	64.8-69.5 (%)	66.62 %
Melting point	40-70 (°C)	62.80000 °C
Appearance (B118584)	White Flakes,Crystals or Chunks	White Flakes,Crystals or Chunks
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager