

Certificate of Analysis

Date of Testing: 2023-03-17 14:22:02

Date of Next Testing: 2025-03-16 14:22:02

Product Name: **TMA-DPH [N,N,N-Trimethyl-4-(6-phenyl-1,3,5-hexatrien-1-yl)phenylammonium, p-toluenesulfonate]**

CAS Number: 115534-33-3

Specifications & Purity: $\geq 95\%$

Lot #: H1923113

SKU #: **T131056**

Analysis: **200821**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.68000 %
Appearance (T131056)	yellow to brown powder	yellow to brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ /MeOH (1/1) , Yellow to Green Clear to Very Slightly Hazy,5mg/ml	pass	Pass



John Su
QA & QC Manager