

## Certificate of Analysis

Date of Testing: 2023-04-10 23:07:45  
Date of Next Testing: 2027-04-09 23:07:45  
Product Name: **2,6-Di-tert-butyl-4-methylpyrylium Trifluoromethanesulfonate**  
CAS Number: 59643-43-5  
Specifications & Purity: 97%  
Lot #: D23061203  
SKU #: **D154541**  
Analysis: **167865**

Parameter	Limit Values	Result
Assay(Neutralization titration)	96.5-103.5 (%)	100.69 %
Melting point	170-173 (°C)	171.89000 °C
Appearance(D154541)	White to Light yellow to Light orange powder to crystal	White to Light yellow to Light orange powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager