

## Certificate of Analysis

Date of Testing: 2022-10-21 09:05:24  
Date of Next Testing: 2026-10-20 09:05:24  
Product Name: **Methyltri-n-octylammonium Bis(trifluoromethanesulfonyl)imide**  
CAS Number: 375395-33-8  
Specifications & Purity:  $\geq 99\%$   
Lot #: J2218073  
SKU #: **M121243**  
Version: **1**  
Analysis #: **110246**

Parameter	Limit Values	Result
Water by Karl Fischer	0-300 (ppm)	113.00 ppm
Refractive index n <sub>20</sub> /D	1.438-1.442	1.44
Density (20°C)	1.109-1.115	1.11
Purity( total nitrogen)	99-100 (%)	99.64 %
Appearance (M121243)	Colorless to Light yellow to Yellow to Orange liquid	Colorless to Light yellow to Yellow to Orange Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager