

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 11:34:51

Date of Next Testing: 2029-08-04 11:34:51

Product Name: **1,3-Dimethylimidazolium dimethyl phosphate**

CAS Number: 654058-04-5

Specifications & Purity: $\geq 98\%$

Lot #: G2526029

SKU #: **D120486**

Version: **0**

Analysis #: **550946**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.257-1.264	1.26200
Refractive index n _{20/D}	1.484-1.492	1.48560
Purity(Titration)	98-102 (%)	100.50000 %
Purity(HPLC)	98-100 (%)	99.60300 %
Water by Karl Fischer	0-1 (%)	0.60000 %
Appearance (D120486)	Pale yellow to deep yellow liquid ,viscous liquid	Pale yellow to deep yellow liquid ,viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager