

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-25 10:42:38

Date of Next Testing: 2027-11-25 10:42:38

Product Name: **1-Hexyl-3-methylimidazolium chloride**

CAS Number: 171058-17-6

Specifications & Purity: 98%

Lot #: K2421227

SKU #: **S43555**

Version: **0**

Analysis #: **440541**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	99.66 %
Refractive index n ₂₀ /D	1.516-1.52	1.52
Water by Karl Fischer	0-0.5 (%)	0.44 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S43555)	Colorless to Yellow to Yellow-Green Liquid	Colorless to Yellow to Yellow-Green Liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

