

## Certificate of Analysis

Date of Testing: 2024-08-24 11:24:08

Date of Next Testing: 2028-08-23 11:24:08

Product Name: **1-Ethyl-3-methylimidazolium tetrafluoroborate**

CAS Number: 143314-16-3

Specifications & Purity: 98%

Lot #: H2414495

SKU #: **E120493**

Version: **2**

Analysis #: **395070**

Storage Temperature: Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Water by Karl Fischer               | 0-0.5 (%)                  | 0.20 %                     |
| Refractive index n <sub>20</sub> /D | 1.405-1.422                | 1.41                       |
| Purity(HPLC area)                   | 98-100 (%)                 | 99.26 %                    |
| Appearance (E120493)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |



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