

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Methyl-3-tetradecylimidazolium  
tetrafluoroborate

**CAS Number:** 244193-61-1

**Product Number:** IL-0256-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
D-74076 Heilbronn  
Germany  
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## Analysis:

|                                       | Specification                |  |
|---------------------------------------|------------------------------|--|
| Identity (NMR, IR)                    | pass                         |  |
| Assay (NMR)                           | >98%                         |  |
| 1-Methyl-3-tetradecylimidazolium (IC) | >98%                         |  |
| Tetrafluoroborate (IC)                | >99%                         |  |
| Halides (IC)                          | <0.5%                        |  |
| Water (KF)                            | <1000 ppm                    |  |
| Appearance                            | Colorless to yellow<br>solid |  |
| Date                                  | 02.04.2026                   |  |