

## CERTIFICATE OF ANALYSIS

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

**CAS Number:** 143314-16-3

**Product Number:** IL-0006-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-Ethyl-3-methylimidazolium (IC) | >98%                       |  |
| Tetrafluoroborate (IC)           | >98%                       |  |
| Halides (IC)                     | <2%                        |  |
| Water (KF)                       | <1000 ppm                  |  |
| Appearance                       | Yellow to orange<br>liquid |  |
| Date                             | 02.01.2008                 |  |