

## CERTIFICATE OF ANALYSIS

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

**CAS Number:** 155371-19-0

**Product Number:** IL-0122-HP

**Lot:**

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

**Distributor**

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Pittsburgh, PA 15205

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### Analysis:

|                                  | Specification                    |  |
|----------------------------------|----------------------------------|--|
| Identity (NMR, IR)               | pass                             |  |
| Assay (NMR)                      | >99%                             |  |
| 1-Ethyl-3-methylimidazolium (IC) | >99%                             |  |
| Hexafluorophosphate (IC)         | >99%                             |  |
| Halides (IC)                     | <100 ppm                         |  |
| Water (KF)                       | <1000 ppm                        |  |
| Appearance                       | Colourless to<br>yellowish solid |  |
| Date                             | 02.01.2008                       |  |