

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Methyl-3-pentylimidazolium  
bis(trifluoromethylsulfonyl)imide

**CAS Number:** 280779-53-5

**Product Number:** IL-0300-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
D-74076 Heilbronn  
Germany  
Phone: +49-(0)7131-89839-0  
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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-Methyl-3-pentylimidazolium (IC)      | >99%                       |  |
| Bis(trifluoromethylsulfonyl)imide (IC) | >99%                       |  |
| Halides (IC)                           | <100 ppm                   |  |
| Water (KF)                             | <100 ppm                   |  |
| Appearance                             | Yellow to orange<br>liquid |  |
| Date                                   | 20.06.2011                 |  |