

# CERTIFICATE OF ANALYSIS

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

**CAS Number:** 178631-04-4

**Product Number:** IL-0099-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
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Germany  
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## Analysis:

|   | Specification                   |  |
|---|---------------------------------|--|
| <b>Identity (NMR, IR)</b>                     | pass                            |  |
| <b>Assay (NMR)</b>                            | >99%                            |  |
| <b>1-Methyl-3-octylimidazolium (IC)</b>       | >99%                            |  |
| <b>Bis(trifluoromethylsulfonyl)imide (IC)</b> | >99%                            |  |
| <b>Halides (IC)</b>                           | <100 ppm                        |  |
| <b>Water (KF)</b>                             | <100 ppm                        |  |
| <b>Appearance</b>                             | Yellow to light brown<br>liquid |  |
| <b>Date</b>                                   | 02.01.2008                      |  |