

# CERTIFICATE OF ANALYSIS

**Product Name:** 1- Butylpyridinium  
triflate

**CAS Number:** 390423-43-5

**Product Number:** IL-0182-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Salzstrasse 184  
D-74076 Heilbronn  
Germany  
Phone: +49-(0)7131-89839-0  
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## Analysis:

|                               | Specification                 |  |
|-------------------------------|-------------------------------|--|
| <b>Identity (NMR, IR)</b>     | pass                          |  |
| <b>Assay (NMR)</b>            | >99%                          |  |
| <b>1-Butylpyridinium (IC)</b> | >99%                          |  |
| <b>Triflate (IC)</b>          | >99%                          |  |
| <b>Halogenide (IC)</b>        | <100 ppm                      |  |
| <b>Water (KF)</b>             | <1000 ppm                     |  |
| <b>Appearance</b>             | Yellowish to orange<br>liquid |  |
| <b>Date</b>                   | 03.08.2009                    |  |