

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-2-methylpyridinium  
bis(trifluoromethylsulfonyl)imide

**CAS Number:** 384347-09-5

**Product Number:** IL-0228-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
D-74076 Heilbronn  
Germany  
Phone: +49-(0)7131-89839-0  
Fax: +49-(0)7131-89839-109  
Email: info@iolitec.de

## Analysis:

|  | Specification          |  |
|--|------------------------|--|
| Identity (NMR, IR)                     | pass                   |  |
| Assay (NMR)                            | >99%                   |  |
| 1-Butyl-2-methylpyridinium (IC)        | >99%                   |  |
| Bis(trifluoromethylsulfonyl)imide (IC) | >99%                   |  |
| Halides (IC)                           | <100 ppm               |  |
| Water (KF)                             | <100 ppm               |  |
| Appearance                             | Orange to brown liquid |  |
| Date                                   | 02.01.2008             |  |