

CERTIFICATE OF ANALYSIS

Product Name: 1-Butyl-3-methylimidazolium
iodide

CAS Number: 65039-05-6

Product Number: IL-0051-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Salzstrasse 184
D-74076 Heilbronn
Germany
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Analysis:

| | Specification | |
|----------------------------------|----------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >98% | |
| 1-Butyl-3-methylimidazolium (IC) | >99% | |
| Iodide (IC) | >99% | |
| 1-Methylimidazole (IC) | <1% | |
| Water (KF) | <2500 ppm | |
| Appearance | Yellow to red liquid | |
| Date | 02.01.2008 | |