

CERTIFICATE OF ANALYSIS

Product Name: 1,2-Dimethyl-3-propylimidazolium
iodide

CAS Number: 218151-78-1

Product Number: IL-0049-HP

Lot:

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

| | Specification | |
|--|---------------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >98% | |
| 1,2-Dimethyl-3-propylimidazolium (IC) | >99% | |
| Iodide (IC) | >99% | |
| 1,2-Dimethylimidazole (IC) | <1% | |
| Water (KF) | <0.5% | |
| Appearance | Yellow to orange solid | |
| Date | 02.01.2008 | |