

CERTIFICATE OF ANALYSIS

Product Name: 1-(4-sulfobutyl)-3-methylimidazolium
trifluoromethanesulfonate

CAS Number: 657414-80-7

Product Number: IL-0353-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
D-74076 Heilbronn
Germany
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Analysis:

| | Specification | |
|--------------------------------|-----------------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >98% | |
| Trifluoromethanesulfonate (IC) | >98% | |
| Water (KF) | <2% | |
| Appearance | Colourless to orange liquid | |
| Date | 28.11.2014 | |