

CERTIFICATE OF ANALYSIS

Product Name: Tributylmethylphosphonium
bis(trifluoromethylsulfonyl)imide

CAS Number: 324575-10-2

Product Number: IN-0037-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
D-74076 Heilbronn
Germany
Phone: +49-(0)7131-89839-0
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Analysis:

| | Specification | |
|---|--------------------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >98% | |
| Tributylmethylphosphonium (IC) | >98% | |
| Bis(trifluoromethylsulfonyl)imide (IC) | >98% | |
| Halides (IC) | <1000 ppm | |
| Water (KF) | <1000 ppm | |
| Appearance | Colourless to orange liquid | |
| Date | 02.01.2008 | |