

CERTIFICATE OF ANALYSIS

Product Name: 2-Methyl-1-propylpyridinium bromide

CAS Number: 5411-09-6

Product Number: IL-0221-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% | |
| 2-Methyl-1-propylpyridinium (IC) | >99% | |
| Bromide (IC) | >99% | |
| 2-Methylpyridine (IC) | <1% | |
| Water (KF) | <0.5% | |
| Appearance | Orange to brown liquid | |
| Date | 02.01.2008 | |