

CERTIFICATE OF ANALYSIS

Product Name: 1-Butyl-4-methylpyridinium
tricyanomethanide

CAS Number: 1312925-66-8

Product Number: IL-0319-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
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Analysis:

| | Specification | |
|---------------------------------|---------------------------|--|
| Identity (NMR, IR) | pass | |
| Assay (NMR) | >98% | |
| 1-Butyl-4-methylpyridinium (IC) | >98% | |
| Tricyanomethanide (IC) | >98% | |
| Halides (IC) | <0.5% | |
| Water (KF) | <1000 ppm | |
| Appearance | Yellow to brown liquid | |
| Date | 28.02.2012 | |