

CERTIFICATE OF ANALYSIS

Product Name: 2-Hydroxyethylammonium formate

CAS Number: 53226-35-0

Product Number: IL-0034-SG

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) | 97% | |
| 2-Hydroxyethylammonium (IC) | >97% | |
| Formate (IC) | >97% | |
| Halides (IC) | <100 ppm | |
| Water (KF) | < 2.5% | |
| Appearance | Yellow to orange liquid | |
| Date | 27.04.2009 | |