

CERTIFICATE OF ANALYSIS

Product Name: 1-Butylimidazole

CAS Number: 4316-42-1

Product Number: KI-0004-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Salzstrasse 184
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 (GC) | >98% | |
| Appearance | Colourless to brown liquid | |
| Date | 02.01.2008 | |