

CERTIFICATE OF ANALYSIS

Product Name: 1-Butyl-1-methylpyrrolidinium chloride

CAS Number: 479500-35-1

Product Number: IL-0075-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH & Co. KG
Ferdinand-Porsche-Str. 5/1
D-79211 Denzlingen
Germany
Phone: +49-(0)7666-913929
Fax: +49-(0)7666-9219345
Email: info@iolitec.de

Analysis:

	Specification	
Identity (NMR, IR)	pass	
Assay (NMR)	99%	
1-Butyl-1-methylpyrrolidinium (IC)	>99%	
Chloride (IC)	>99%	
1-Methylpyrrolidine (IC)	<1%	
Water (KF)	<0.5%	
Appearance	Colorless to yellowish solid	
Date	02.01.2008	