

CERTIFICATE OF ANALYSIS

Product Name: 1-Butyl-1-methylpyrrolidinium
bromide

CAS Number: 93457-69-3

Product Number: IL-0074-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
D-74076 Heilbronn
Germany
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ROCO

Distributor

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Pittsburgh, PA 15205

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Analysis:

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