

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-1-methylpyrrolidinium  
triflate

**CAS Number:** 367522-96-1

**Product Number:** IL-0113-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)	>99%	
1-Butyl-1-methylpyrrolidinium (IC)	>99%	
Triflate (IC)	>99%	
Halides (IC)	<100 ppm	
Water (KF)	<1000 ppm	
Appearance	Yellow to orange liquid	
Date	02.01.2008	