

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-3-methylimidazolium  
1,1,2,2-tetrafluoroethanesulfonate

**CAS Number:** 880084-62-8

**Product Number:** IL-0234-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
D-74076 Heilbronn  
Germany  
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## Analysis:

	Specification	
Identity (NMR, IR)	pass	
Assay (NMR)	99%	
1-Butyl-3-methylimidazolium (IC)	>99%	
1,1,2,2-Tetrafluoroethanesulfonate (IC)	>99%	
1-Methylimidazole (IC)	<1%	
Water (KF)	<1000 ppm	
Appearance	Colorless to yellow liquid	
Date	04.01.2010	