

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-2,3-dimethylimidazolium  
hexafluorophosphate

**CAS Number:** 227617-70-1

**Product Number:** IL-0057-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Im Zukunftspark 9  
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Germany  
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## Analysis:

	Specification	
Identity (NMR, IR)	pass	
Assay (NMR)	>99%	
1-Butyl-2,3-dimethylimidazolium (IC)	>99%	
Hexafluorophosphate (IC)	>99%	
Halides (IC)	<100 ppm	
Water (KF)	<250 ppm	
Appearance	Colourless to yellowish solid	
Date	02.01.2008	