

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