

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Dodecyl-3-methylimidazolium  
hexafluorophosphate

**CAS Number:** 219947-93-0

**Product Number:** IL-0095-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)	>98%	
1-Dodecyl-3-methylimidazolium (IC)	>98%	
Hexafluorophosphate (IC)	>99%	
Halides (IC)	<100 ppm	
Water (KF)	<0.1%	
Appearance	Colorless to yellow solid	
Date	02.01.2008	