

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Ethyl-3-methylimidazolium  
hydrogen sulfate

**CAS Number:** 412009-61-1

**Product Number:** IL-0091-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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**ROCO**

**Distributor**

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Pittsburgh, PA 15205

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724-315-9170

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## Analysis:

	Specification	
Identity (NMR, IR)	pass	
Assay (NMR)	98%	
1-Ethyl-3-methylimidazolium (IC)	>98%	
Hydrogen sulfate (IC)	>98%	
Halides (IC)	<100 ppm	
Water (KF)	<2000 ppm	
Appearance	Yellow to orange liquid	
Date	02.01.2008	