

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Methyl-1-propylpyrrolidinium  
tetrafluoroborate

**CAS Number:** 327022-59-3

**Product Number:** IL-0147-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  
Email: info@iolitec.de

## Analysis:

	Specification	
Identity (NMR, IR)	pass	
Assay (NMR)	>98%	
1-Methyl-1-propylpyrrolidinium (IC)	>98%	
Tetrafluoroborate (IC)	>98%	
Halides (IC)	<100 ppm	
Water (KF)	<250 ppm	
Appearance	White to yellowish solid	
Date	02.03.2009	