

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-1-methylpyrrolidinium  
methylcarbonate; Solution in methanol

**CAS Number:** 1223496-96-5

**Product Number:** IN-0029-SG

**Lot:**

**Supplier:** IoLiTec  
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Germany  
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## Analysis:

	Specification	
<b>Identity (NMR, IR)</b>	pass	
<b>Assay (T)</b>	~50%	
<b>1-Butyl-1-methylpyrrolidinium (IC)</b>	>97%	
<b>1-Butylpyrrolidin (IC)</b>	<1%	
<b>Chloride (IC)</b>	<200 ppm	
<b>Appearance</b>	Colourless to orange solution	
<b>Date</b>	01.07.2009	