

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-3-vinylimidazolium  
bromide

**CAS Number:** 34311-90-5

**Product Number:** IL-0292-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Salzstrasse 184  
D-74076 Heilbronn  
Germany  
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## Analysis:

	Specification	
<b>Identity (NMR, IR)</b>	pass	
<b>Assay (NMR)</b>	98%	
<b>1-Butyl-3-vinylimidazolium (IC)</b>	>98%	
<b>Bromide (IC)</b>	>98%	
<b>1-Vinylimidazole (IC)</b>	<300 ppm	
<b>Water (KF)</b>	<0.5%	
<b>Appearance</b>	Orange to brown solid	
<b>Date</b>	27.01.2011	