

# CERTIFICATE OF ANALYSIS

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

**CAS Number:** 174899-64-0

**Product Number:** IL-0286-HP

**Lot:**

**Supplier:** IoLiTec  
Ionic Liquids Technologies GmbH  
Salzstrasse 184  
D-74076 Heilbronn  
Germany  
Phone: +49-(0)7131-89839-0  
Fax: +49-(0)7131-89839-109  
Email: info@iolitec.de

## Analysis:

	Specification	
<b>Identity (NMR, IR)</b>	pass	
<b>Assay (NMR)</b>	98%	
<b>1-Butyl-3-ethylimidazolium (IC)</b>	>98%	
<b>Bromide (IC)</b>	>99%	
<b>1-Ethylimidazole (IC)</b>	<1%	
<b>Water (KF)</b>	<0.5%	
<b>Appearance</b>	Yellow to brown liquid	
<b>Date</b>	25.01.2010	