

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Ethyl-3-propylimidazolium  
bromide

**CAS Number:** 637348-59-5

**Product Number:** IL-0282-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-Ethyl-3-propylimidazolium (IC)</b> | >98%                      |  |
| <b>Bromide (IC)</b>                     | >98%                      |  |
| <b>Halides (IC)</b>                     | <1%                       |  |
| <b>Water (KF)</b>                       | <500 ppm                  |  |
| <b>Appearance</b>                       | Yellow to orange<br>solid |  |
| <b>Date</b>                             | 18.10.2010                |  |