

# CERTIFICATE OF ANALYSIS

**Product Name:** 1-Butyl-3-methylimidazolium  
methylcarbonate; Solution in methanol

**CAS Number:** 916850-37-8

**Product Number:** IN-0028-SG

**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](mailto:info@iolitec.de)

## Analysis:

|                                  | Specification                |  |
|----------------------------------|------------------------------|--|
| Identity (NMR, IR)               | pass                         |  |
| Assay (T)                        | ~30%                         |  |
| 1-Butyl-3-methylimidazolium (IC) | >97%                         |  |
| 1-Butylimidazole (IC)            | <1%                          |  |
| Appearance                       | Colorless to orange solution |  |
| Date                             | 01.09.2026                   |  |