

# Chem-Impex International, Inc.

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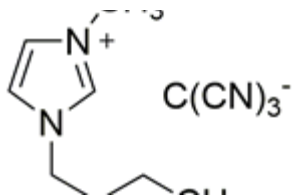
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                   |                                                |
|-------------------|------------------------------------------------|
| Catalogue Number  | 39778                                          |
| Product           | <b>1-Butyl-3-methylimidazolium</b>             |
| CAS Number        | 878027-73-7                                    |
| Molecular Formula | C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> |
| Molecular Weight  | 229.29                                         |

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|                             |                                                                  |
|-----------------------------|------------------------------------------------------------------|
| Appearance                  | Yellow to brown liquid                                           |
| Cation                      | Halides : ≤ 0.5%                                                 |
| Water Content (Karl Fisher) | ≤ 1000 ppm                                                       |
| Infrared Spectrum           | Conforms to structure                                            |
| <sup>1</sup> H NMR          | Conforms to structure                                            |
| Assay                       | ≥ 98% (1-Butyl-3-methylimidazolium)<br>≥ 98% (Tricyanomethanide) |
| Purity                      | ≥ 98% (NMR)                                                      |
| Storage                     | Store at RT                                                      |

**For Laboratory Use Only**