

Certificate of Analysis

Date of Testing: 2023-03-08 17:39:59
Date of Next Testing: 2027-03-07 17:39:59
Product Name: **1-Ethyl-3-methylimidazolium Tetrachloroferrate**
CAS Number: 850331-04-3
Specifications & Purity: 98%
Lot #: F1516010
SKU #: **E121229**
Analysis: **195910**

| Parameter | Limit Values | Result |
|----------------------------------|-----------------------|-----------------------|
| Purity (Argentometric Titration) | 97.5-102.5 (%) | 98.02% |
| Carbon by Elemental Analysis | 22.2-23.9 (%) | 22.60% |
| Nitrogen by Elemental Analysis | 8.2-10.1 (%) | 8.50% |
| Appearance (E121229) | brown liquid | brown liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager