

## Certificate of Analysis

Date of Testing: 2025-02-13 09:12:44

Date of Next Testing: 2027-02-13 09:12:44

Product Name: **1-(2-Cyanoethyl)-2-ethyl-4-methylimidazole (contains 5-methyl isomer)**

CAS Number: 23996-25-0

Specifications & Purity:  $\geq 70\%$ (GC)

Lot #: E2315775

SKU #: **C133754**

Version: **1**

Analysis #: **469573**

Storage Temperature: Argon charged

| Parameter                   | Limit Values                              | Result                                    |
|-----------------------------|-------------------------------------------|-------------------------------------------|
| Purity(GC)                  | 70-100 (%)                                | 70.55 %                                   |
| Purity(NonaqueousTitration) | 98-100 (%)                                | 99.58 %                                   |
| Appearance (C133754)        | Colorless to light yellow or brown Liquid | Colorless to light yellow or brown Liquid |
| Proton NMR spectrum         | Conforms to Structure                     | Conforms to Structure                     |
| GC-MS for identification    | Conforms                                  | Conforms                                  |



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