

## Certificate of Analysis

Date of Testing: 2022-09-26 18:40:18  
Date of Next Testing: 2023-09-26 18:40:18  
Product Name: **1,3-Dimethyl-2-imidazolidinone**  
CAS Number: 80-73-9  
Specifications & Purity: GC-Headspace tested, ≥99.8%(GC)  
Lot #: I2222573  
SKU #: **D109180**  
Analysis: **129815**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer               | 0-0.04 (%)            | 0.02 %                |
| Refractive index n <sub>20</sub> /D | 1.471-1.473           | 1.47                  |
| Purity(GC)                          | 99.8-100 (%)          | 99.80 %               |
| Appearance (D109180)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager