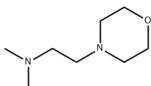


## CERTIFICATE OF ANALYSIS

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Chemical Name:      | 4-[2-(Dimethylamino)ethyl]morpholine                                              |
| Cas No.:            | 4385-05-1                                                                         |
| MF:                 | C <sub>8</sub> H <sub>18</sub> N <sub>2</sub> O                                   |
| MW:                 | 158.24                                                                            |
| Structure:          |  |
| Batch No.:          | 2021081401                                                                        |
| Manufacturing Date: | Aug. 14th, 2021                                                                   |
| Retest Date:        | Aug. 13th, 2022                                                                   |
| Quantity:           | 200KG                                                                             |

| Items             | Standard                         | Result   |
|-------------------|----------------------------------|----------|
| Appearance        | Colorless to light yellow liquid | Complies |
| Assay(GC)         | ≥99.0%                           | 99.2%    |
| Morpholine        | 0.5%max                          | 0.06%    |
| Color indes(APHA) | Y2                               | Y1       |
| Moisture(KF)      | 0.25%max                         | 0.14%    |
| Conclusion        | Complies with standards          |          |

Quality Control Manager: Liu Si    Checker: Hu Kai    Approved: Shao Jin