




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CERTIFICATE OF ANALYSIS

| | | | |
|---|--|---|-----------------|
| Product Name: Morpholin-3-one | | CAS No.: 109-11-5 | |
| Quantity: 1.0kg | | Batch No.: CYC004_110315 | |
| Molecular Formula: C ₄ H ₇ NO ₂ | | Manufacturing Date: Mar 15, 2011 | |
| Molecular Weight: 101.10 | | Expiry Date: Mar, 2013 | |
| Structure | |  | |
| Item | | Specification | Result |
| Description | | Off-white solid | Off-white solid |
| Identification (NMR,MS) | | Conform to the structure | Comply |
| Assay (HPLC) | | ≥ 98.0% | 98.2% |
| Melting point | | 104-106°C | 104°C |
| Conclusion: Complies with requirements of enterprise standard. | | | |

Analyzed by:
Date:

Checked by:
Date:

Head Quality Control:
Date: