



DALIAN HANDOM CHEMICALS CO.,LTD.
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CERTIFICATE OF ANALYSIS

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|-------------------------------|--|------------------------------|-----------------------------|
| Product Name | Dimethyl Sulfoxide | Batch No. | HDC20221024 |
| Quantity | 18000 KGS | Manufacturing Date | Oct 24 th , 2022 |
| Analysis Date | Oct 25 th , 2022 | Retest Date | Oct 23 rd , 2025 |
| Test Based On: GB/T21395-2008 | | | |
| Test Items | Specifications | Test Results | |
| Appearance | Colorless transparent liquid or crystal | Colorless transparent liquid | |
| Odor | Odorless or slightly odorous | Slightly odorous | |
| Content, % | ≥99.90 | 99.99 | |
| Crystallization point, °C | ≥18.10 | 18.30 | |
| Water content, ppm | ≤1000 | 309 | |
| Acid Value, mg KOH/g | ≤0.03 | 0.01 | |
| Transmittancy(400nm), % | ≥96.00 | 100.6 | |
| Refractive Index(20℃) | 1.47751-1.4790 | 1.4776 | |
| Specific Gravity | ≥1.093 | 1.1 | |
| Conclusion | The quality of this batch of products conforms to GB/T21395-2008, and belongs to the superior grade. | | |