Hefei TNJ Chemical Industry Co.,Ltd.

Certificate of Analysis

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| --- | --- | --- | --- |
| **Product Name** | Choline chloride | **Version** | English |
| **CAS Number** | 67-48-1 | **Report Code** | S2020081414-1 |

**Lot Number** 421200808 **Manuf. Date** 2020/08/12

**Lot Quantity** 75.000kg **Test Date** 2020/08/12

**Net Weight** -- **Expiry Date** 2022/08/11

# Gross Weight -- Workshop

**Test Standard** Enterprise standard

|  |  |  |
| --- | --- | --- |
| **Item** | **Standard** | **Results** |
| Heavy metals | ≤10mg/kg | <10mg/kg |
| Arsenic (As) | ≤1 mg/kg | <1mg/kg |
| Appearance | Colorless or white crystals or crystalline powder | Conforms |
| Assay (calculated on theanhydrous basis) | ≥98% | 98.4% |
| pH(1 in 10) | 4.0-7.0 | 4.93 |
| Water | ≤2.5% | 1.02% |

# Conclusion: Product complies with Enterprise standard

The above-mentioned data shall constiute the agreed contractual product quality, are also controlled as part of our quality assurance program. These data implies no legally binding guarantee of certain properties or of fitness for any specific purpose.

**Reporter Liu Li Approver of COA release Du Xuewu**

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