

Certificate of Analysis

Product Name: Choline Chloride 75% Liquid

Batch No.: YFL75Y202007007

Packing: 1100 KG/IBC DRUM

Quantity: 22MTS

Production Date:2020.11.19

Expiry Date:2022.11.18

Testing Method: Reinecke salt gravimetric

| Specification | Inspection Standard | Result |
|------------------------------|---------------------|--------|
| Content/(%) | $\geq 75.0\%$ | 75.14 |
| pH | 6.0~ 8.0 | 7.13 |
| Ethylene Glycol (%) | $\leq 0.50\%$ | 0.1 |
| TMA(%) | ≤ 0.03 | 0.025 |
| Ash (%) | $\leq 0.20\%$ | 0.02 |
| Heavy metal (as Pb) (mg/kg) | ≤ 5 | <1.0 |

Inspection Standard: GB34462-2017

Conclusion: Pass

Lab Technician:

Date:2020.11.19

