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CERTIFICATE OF ANALYSIS

| | | | |
|---------------|----------------|-------------|-------------|
| Product Name: | Cinnamaldehyde | | |
| CAS No.: | 104-55-2 | Quantity | 500kg |
| Rep Date | July.10.2016 | Batch NO. | 20160710 |
| MFG. Date | July.10.2016 | Expiry Date | July.9.2018 |

| Item | Specifications | Results |
|--------------------|--|-------------------------|
| Appearance | Pale yellow viscous liquid | Conforms |
| Assay | $\geq 99.00\%$ | 99.44% |
| Acid value | ≤ 1.0 mg/KOH | 0.53 mg/KOH |
| Refractive index | 1.6190-1.6230 n_{D20}^D | 1.6205 n_{D20}^D |
| Ethanol solubility | Through experiment | Conforms |
| Density | 1.046-1.050 g/cm ³ | 1.048 g/cm ³ |
| Conclusion | The results conforms with Enterprise standards | |

Analyst:Li Ya

Checker:Wei Chen

Q.C.Director:Xu Leilei

