

# HANGZHOU OCEAN CHEMICAL CO., LTD

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## CERTIFICATE OF ANALYSIS

|                  |                       |
|------------------|-----------------------|
| Product name     | Tri octly decyl amine |
| CAS NO           | 68814-95-9            |
| Batch No         | 190602                |
| Quantity         | 3200kg                |
| Manufacture date | 2019 06 02            |
| Analysis date    | 2019 06 02            |
| Quality Standard | Enterprise standard   |

| Inspection           | Standard  | Test Results |
|----------------------|---|--------------|
| Appearance           | Colorless to yellowish transparent liquid               | Conforms     |
| Assay                | $\cong 98.0\%$  | 99.1%        |
| Moisture             | $\leq 0.3\%$  | 0.03%        |
| Total amine nitrogen | $\cong 3.2\%$   | 3.45%        |
| Color                | $\leq 150\text{APHA}$                                   | 10APHA       |
| Conclusion           | The result conforms to the enterprise standard as above |              |

Q.C.Director:

Analyst:

Collator:

