

上海启朗实业有限公司

SHANGHAI QILANG INDUSTRIAL CO., LTD

**COA of
DY5774 Copper Extractant**

| Item | DY5774 |
|---|------------------|
| Appearance | Amber oil liquid |
| Density (25°C) | 0.95-0.97 |
| Flash temperature | ≥62°C (PMCC) |
| Solubility of copper-carried organic (25°C) | ≥30 g/L Cu |
| Copper saturation capacity 10% (V/V) | 5.6-6.2 g/L Cu |
| Extraction kinetics | ≥95% (30s) |
| Extraction isothermal point (Organic) | ≥4.7 g/L Cu |
| Extraction isothermal point (Aqueous) | ≤1.3 g/L Cu |
| Phase separating time of extraction | ≤60s |
| Strip kinetics | ≥95% (15s) |
| Strip isothermal point (Organic) | ≤2.3 g/L Cu |
| Strip isothermal point (Aqueous) | ≥32.4 g/L Cu |
| Strip Phase separating | ≤60s |
| Copper Net Transfer | 2.4 g/L Cu |
| Cu/Fe selectivity | ≥2500 |

For and on behalf of
Shanghai Qilang Industrial Co., Ltd
上海启朗实业有限公司

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Jiwen Su
Authorized Signature(s)