

**Chemistry Analysis of
DY973N Copper Extraction Reagent**

Item	DY973N
Appearance	Brown oil liquid
Density (25°C)	0.91-0.93
Flash temperature	≥62°C (PMCC)
Solubility of copper-carried organic (25°C)	≥30 g/L Cu
Copper saturation capacity 10% (V/V)	5.4-5.7 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	≤70s
Strip kinetics	≥95% (30s)
Strip isothermal point (Organic)	≤2.0 g/L Cu
Strip isothermal point (Aqueous)	≥32.7 g/L Cu
Strip Phase separating	≤80s
Copper Net Transfer	2.7 g/L Cu
Cu/Fe selectivity	≥2300

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


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Authorized Signature(s)