

**Chemistry Analysis of  
DY984N Copper Extraction Reagent**

Item	DY984N
Appearance	Amber oil liquid
Density (25°C)	0.907
Flash point	≥88°C (PMCC)
Copper saturation capacity 10% (V/V)	5.12 g/L Cu
Extraction kinetics	≥92% (30s)
Extraction isothermal point	≥4.4 g/L Cu
Phase Stripping time of extraction	≤57s
Stripping kinetics	≥95% (30s)
Stripping isothermal point (Organic)	≤1.8 g/L Cu
Stripping Phase time	≤43s
Copper Net Transfer	3.4 g/L Cu
Cu/Fe selectivity	≥2279
Liquid phase purity	98.13

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)