



# NAABEXIR PAYA Chemical Co. Ltd

(registration number:859)

NAABEXIR PAYA Chemical Co. has been established in 2016. The most goals of this company are procurement, synthesis, production and distribution of fine chemicals.

CLX is the our specific trade name for a reagent which is mainly applied in heavy metal extraction (Specially Copper) based on Hydroxyoxim compound. It Comprises of Aldoxime and ketoxime , which both are produced totally in NAABEXIR PAYA Chemical co. This reagent has more net transfer capability.

Physical Data (CLX 984n)		
Appearance	Liquid	Dark amber-colored Liquid, free from visible impurity
Specific Gravity		0.91- 0.93
Specific viscosity	(CP) at 25°C	< 150
Molar mass	(gr/ mol)	270
Flash point	( °C)	> 100 PMCC ( <b>Pensky-Martens closed cup</b> )
Performance Data		
Copper uptake	(gr/l)	5.2 –5.5
Extraction Kinetic: at 25°C	At 17sec	> 85%
	At 25 sec	> 95%
stripping Kinetic: at 25°C	At 20 sec	> 95%
Copper Extraction Isotherm: at 25°C	Organic	> 4.4 gr/l
	Aqueous	< 1.9 gr/l
Copper Stripping Isotherm: at 25°C	Organic	< 1.8 gr/ l
	Aqueous	> 37.5 gr/l
Copper/Ion Selectivity		> 2000 gr/l
Net copper transfer		> 2.6 gr/l
Phase Disengagement	Extract	<70 sec
	Strip	<70 sec
Complex Solubility at 0°C at 24 hr		No Precipitate
<i>The performance is determined using standard quality control test methods and equipment. Further information is available on request.</i>		

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