

## Supporting Information

# Preparation of Hydrophobic Cryogel Containing Hydroxyoxime Extractant and Its Extraction Properties of Cu( II )

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**Keywords:** Hydrophobic cryogel; Cryo-polymerization; Frozen temperature of organic solvent; Supermacroporous structure; Extraction properties of Cu( II ).

Table S1. Preparation condition of hydrophobic cryogel

Entry	DO [g]	AcOH [g]	DMSO [g]	Trim [g]	BPO [g]	EDMAB [ g]	T [°C] <sup>a</sup>
1	25.825	-	-	4.907	0.702	0.558	-15
2	-	26.25	-	7.445	1.066	0.846	-15
3	-	-	27.51	5.956	0.853	0.677	-15
4	25.825	-	-	4.907	0.702	0.558	-5
5	-	26.25	-	7.445	1.066	0.846	-5
6	-	-	27.51	5.956	0.853	0.677	-5
7	25.825	-	-	4.907	0.702	0.558	0
8	-	26.25	-	7.445	1.066	0.846	0
9	-	-	27.51	5.956	0.853	0.677	0
10	-	26.25	-	14.89	1.066	0.845	-15
11	-	-	27.51	11.91	0.853	0.677	-15
12	-	26.25	-	2.863	1.066	0.846	-15
13	-	-	27.51	2.978	0.853	0.677	-15
14			27.51	1.489	0.853	0.677	-15

<sup>a</sup>Means the temperature of cryo-polymerization.