



辽宁光华化工有限公司

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Specification of Sulfolane Aqueous

Item	Quality index	Analyse method	Remarks
Appearance	colorless to light yellowish	eyeballing	
Purity (dry basis) % m/m	≥99.5	UOP608	
Density(30℃) kg/m ³	1260-1270	ASTM D4052	Should be corrected by water(1)
5% Distil off temperature °C	≥ 282	ASTMD1078	
95% Distil off temperature °C	≤288	ASTMD1078	
Thermal stability mgSO ₂ /kg	≤16	UOP599	
Water content % m/m	≤3.0	UOP481	Can be modified accod. to customer's need(2)
Sulfur content %m/m	26-27	ASTMD129	Should be corrected by water
2-sulfolene % m/m	≤0.2	UOP608	
Isopropyl sulfolaneaether % m/m	≤0.2	UOP608	
Ash content % m/m	≤0.1	ASTMD482	

Note:①Water content should be modified according to the following formula: $Density = (1 - \text{water}\%) \times \text{Density Actually Tested} / 1 - (\text{water} \times \text{Density Actually Tested} \div 0.9957)$

②Can be adjusted based on customer