



GOLDEN STAR WORLD  
GOLDEN STAR WORLD L.L.C... FZ  
LIMITED LIABILITY COMPANY

Date:

NO: 10

### Certificate of Analysis

#### Heavy Hydrocarbon

NO	TEST	RESULT	UNIT	TEST METHOD
1	Density at 15 °C	810 ± 10	Kg / m3	ASTM D1298
2	IBP	150 ± 10	°C	ASTM D86
3	50%	195 ± 10		
4	90%	250 ± 10		
5	95%	370 ± 10		
6	FBP	≥ 390		
7	Residue	max 4%		
8	Sulfur	Max 900	ppm	ASTM D4294
9	Color	1.5		ASTM D1500
10	Flash point	50 ± 5	°C	ASTM D93
11	Pour point	-36	°C	ASTM D97
12	Mercaptan	18 ± 2	ppm	ASTM D3227

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