

Section #4: SPECIFICATION

NO.	COMPONENT	UNIT	LIMITS	METHOD
1	Density at 20°C	Kg/l	Min0.84-Max0.86	ASTMD4052
2	Ash Content	Wt.%	Max0.01	ASTMD482
3	Chroma (white)	ASTM Color	L1.0	ASTMD1500
4	Temperature of the Flash	°C	Min65°C	ASTMD93
5	Sulphur	Wt.%(Mass fraction)	≤0.01(≤10ppm)	ASTMD4294
6	Total, Aromatics	Wt. %(Mass fraction)	Min51-Max56	IP391
7	CFPP	°C	Report	ASTMD6371
8	Pouring Point	°C	Min-12°C	ASTMD97
9	Kinematics Viscosity 50°C	Cst	2.5 - 4.5	ASTMD445
10	Distillation			
	Initial Boiling Point	°C	Max 180	ASTMD86
	50% recovered	°C	Max 280	ASTMD86
	90% recovered	°C	Max 360	ASTMD86
	Final Boiling Point	°C	Report	ASTMD86
11	Cetane number		Min41 - Max44	ASTMD4737
12	Water Content	%	0.0%	ASTMD95
13	Carbon Residue	%(Mass fraction)	<0.0%	ASTMD4530
14	Benzene	%(Volume fracción)	<0.1	ASTMD5580
15	Toluene	%(Volume fraction)	<1.0	ASTMD5580
16	Xylene	%(Volume fraction)	<1.0	ASTMD5580
17	Naphthalene	%(Mass fraction)	1.3±0.1	ASTMD2425
18	Aromatic Content	%(Volume fraction)	51±1	ASTMD1319
19	Olefin Content	%(Volume fraction)	29	ASTMD1319
20	Saturated Hydrocarbon Content	%(Volume fraction)	41	ASTMD1319