

TECHNICAL SPECIFICATION			
MATERIAL: AEROGAS-31			
PARAMETERS	SPECIFICATION		ASTM TEST METHOD
PHYSICAL ASSAY			
Appearance	Water white liquid , free of foreign matter		
Odor	No discernible odour of sulphur compounds		
Vapor Pressure @ 70 ⁰ F (psig)	23 - 34		D-2598
Residues, ml	Maximum 0.05		D-2158
CHEMICAL ASSAY			
Composition	Weight % Range		
	Minimum	Maximum	
Ethane	0.00	0.500	D-2163
Propane	0.00	8.00	
Propene	0.00	0.05	
Iso-Butane	43.00	54.00	
N-Butane	43.00	56.00	
Propadiene	0.00	0.05	
Trans-2-Butene	0.00	0.05	
1-Butene	0.00	0.05	
Iso-Butylene	0.00	0.05	
Neo-Pentane	0.00	2.00	
Cis-2-Butene	0.00	0.60	
Iso-Pentane	0.00	0.80	
N-Pentane	0.00	0.05	
1,3-Butadiene	0.00	0.05	
Unsaturated compounds (ppmw)	0.00	500.00	
Moisture (ppmw)	0.00	11.00	D-5454
Total Sulphur Compounds	0.00	24.000	D-6228
Specific Gravity @ 70 ⁰ F	0.564	0.574	D-2598
Tertiary Butyl Hydroperoxide	Negative / Positive		CSPA-AG001

Please note that the Butane and Propane feedstock used were not derived from Petroleum Refining Processes but from Natural Gas.