

TECHNICAL SPECIFICATION			
MATERIAL: AEROGAS-46 (MOLE %)			
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)	44 - 48		D-2598
Residues, ml	Maximum 0.05		D-2158
CHEMICAL ASSAY			
Composition	Mole % Range		D-2163
	Minimum	Maximum	
Ethane	0.00	0.800	
Propane	17.00	30.00	
Propene	0.00	0.05	
Iso-Butane	31.00	47.00	
N-Butane	31.00	47.00	
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	1.00	
Cis-2-Butene	0.00	0.60	
Iso-Pentane	0.00	0.08	
N-Pentane	0.00	0.07	
1,3-Butadiene	0.00	0.05	
Unsaturated compounds (ppmm)	0.00	500.00	
Moisture (ppmw)	0.00	5.00	
Total Sulphur Compounds (ppmWS)	0.00	3.000	
Specific Gravity @ 70 ⁰ F	0.551	0.565	
Tertiary Butyl Hydroperoxide	Negative / Positive		CSPA-AG001
Benzene Residue (ppmw)	0.000	1.000	UOP 1026-19

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