



Title: Specification of Liquefied Petroleum Gases (Commercial PB Mixtures)¹

S.N	Characteristics		Test Method	Control Limits
1	Vapor Pressure @ 37.8 °C ²	Kpa	ASTM D1267	Max. 1430
2	Volatile Residue:		ASTM D1837	
2.1	95 % evaporation temperature	°C		Max. 2.2
3	Residual matter		ASTM D2158	
3.1	Residue on evaporation of 100 mL	ml		Max. 0.05
3.2	Oil stain observation			Pass
4	Corrosion, Copper Strip	Class.	ASTM D1838	No. 1
5	Total Sulfur	mg/Kg	ASTM D6667	Max. 140
6	Relative Density @ (15.6 / 15.6) °C		ASTM D1657	Report
7	Hydrogen Sulfide	mg / L	ASTM D2420	pass
8	Free Water Content		Visual	None

¹ This Specification is based on Jordanian Technical Regulation for Liquefied petroleum gases # JS 298/2005 (3th edition) dated on the 1st of November 2005. Commercial Propane and butane mixture.

² The permissible vapor pressure for the propane and butane mixture shall not exceed (1430 kPa) and additionally shall not exceed that calculated from the following relationship between vapor pressure and relative density.
Vapor pressure, psig, max = 1167 - 1880 (relative density at 15.6°C/15.6°C).