



Title: Specification of Liquefied Petroleum Gases (Commercial PB Mixtures)<sup>1</sup>

S. N	Characteristics		Test Method	Control Limits
1	Vapor Pressure @ 37.8 °C <sup>2</sup>	Kpa	ASTM D1267	Max. 1435
2	Residual matter		ASTM D2158	
2.1	Residue on evaporation of 100 mL	ml		Max. 0.05
2.2	Oil stain observation	--		Pass
3	Corrosion, Copper Strip	--	ASTM D1838	No. 1
4	Total Sulfur	mg/Kg	ASTM D6667	Max. 140
5	Relative Density @ (15.6 / 15.6) °C	--	ASTM D1657	Report
6	Hydrogen Sulfide (H <sub>2</sub> S)	--	ASTM D2420	Pass
7	Free Water Content	--	Visual	None
8	Heavier hydrocarbon contaminants		ASTM D2163	
8.1	Pentane and heavier	% vol		Max. 2.0

<sup>1</sup> This Specification is based on Jordanian Technical Regulation for Liquefied petroleum gases # JS 298/2024 (4<sup>th</sup> edition) dated on the 1<sup>st</sup> of January, 2025

<sup>2</sup> Additionally, the vapor pressures shall not exceed the pressure calculated in (psig) from the following relationship between the observed vapor pressure at 100 °F (37.8 °C) and the observed relative density at either 60 °F or 15.6 °C:

Vapor pressure, psig, max = 1167 - 1880 (relative density at 60 °F/60 °F).  
= 1167 - 1880 (relative density at 15.6°C/15.6°C).