


**Butene-1 made via Axense Tecnologia**


# Butene-1

*Butene-1 is a linear alpha-olefin with the formula C<sub>4</sub>H<sub>8</sub> and used as a co-monomer for the production of HDPE & LLDPE and manufacturing of polybutene.  
Annual production 100,000 tons*

Analysis	Unit	Specification	Analysis Method
Butene-1	wt %	Min. 99.5	ASTM D 4424
C6+	wt ppm	Max. 100	ASTM D 4424
C4s (Butenes + Butanes)	wt %	Max. 0.5	ASTM D 4424
Ethylene	wt ppm	Max. 500	ASTM D 4424
Ethane	wt ppm	Max. 100	ASTM D 4424
Acetylenes	wt ppm	Max. 15	ASTM D 4424
1,3-Butadiene	wt ppm	Max. 20	ASTM D 4424
Carbon monoxide	wt ppm	Max. 1	ISO 6381-1981
Carbon dioxide	wt ppm	Max. 1	ISO 6381-1981
Water	wt ppm	Max. 15	ASTM D 2029
Total Sulphur	wt ppm	Max. 1	ASTM D 5453