

Bangkok Synthetics Co., Ltd.

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Butene-1 Standard Specification

Item	Specification	Test Method
1) Butene-1	wt% min 99.0	ASTM D 4424-09
2) Other Butenes	wt% max 1.0	ASTM D 4424-09
3) Butanes	wt% max 1.0	ASTM D 4424-09
4) 1,3 Butadiene and Propadiene	ppmwt max 200	ASTM D 4424-09
5) Total Acetylnes	ppmv max 10	ASTM D 4424-09
6) Carbon Monoxide	ppmv max 1	UOP 603
7) Carbon Dioxide	ppmv max 1	UOP 603
8) Oxygen	ppmv max 1	Teledyne Oxygen Meter
9) Water	ppmv max 20	Shaw Moisture Meter
10) Total Sulphur	ppmwt max 1	ASTM D 5453
11) Carbonyl as acetone	ppmv max 5	ASTM D 4423
12) Total Chloride	ppmwt max 1	ASTMD 5808
13) Alcohol (as Methanol)	ppm mol max 1	UOP 960
14) MTBE	ppm mol max 1	UOP 960