

# ACETONE

## Monomer

### Description

Petro Rabigh produces 169 KTA of Acetone, through Kellogg Brown & Root LLC (KBR) process technology.

### Applications

- Acetone is used in several applications like adhesives, glues and as a raw material together with Phenol for polycarbonate production, which is used in the automotive industry and for pesticides and herbicides.

Properties	Unit	Test Method	Value
Acetone (dry basis)	wt%	GC	99.5 Min
Water	wt%	ASTM D1364	0.3 Max
Permanganate Time	Minute	ASTM D1363	120 Min
Color, Pt/Co	-	ASTM D1209	5 Max
Acidity (as acetic acid)	wt ppm	ASTM D1613	10 Max
Alkalinity (as ammonia)	wt ppm	ASTM D1614	10 Max
Iron	wt ppm	ASTM E1615	0.5 Max
Benzene	wt ppm	Internal method	5 Max
Specific Gravity (20°C/ 20°C)	-	ASTM 4052	0.791 - 0.793
Distillation at 760 mmHG	°C	ASTM D1078	0.6 Max
Mesityl Oxide	wt ppm	Internal method	5 Max
Diacetone alcohol content	wt ppm	Internal method	250 max
Methanol content	wt ppm	Internal method	300 max
Nonvolatiles	mg/100ml	ASTM D1353	1 Max

Note: All the above are indicated values.

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