

# 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
Purity (Dry Basis)	wt %	GC	99.9 Min
Acidity (as Acetic Acid)	wt ppm	ASTM D1613	10 Max
Alkalinity (as Ammonia)	wt ppm	ASTM D1614	10 Max
Permanganate Time	minutes	ASTM D1363	120 Min
Color	Pt/Co	ASTM D1209	5 Max
Water	wt %	ASTM D1364	0.3 Max
Iron	wt ppm	ASTM E1615	0.5 Max
Benzene	wt ppm	GC	10 Max
Methanol	wt ppm	GC	300 Max
Diacetone Alcohol content	wt ppm	GC	120 Max
Mesityl oxide	wt ppm	GC	50 Max
Appearance	-	ASTM E2680	Pass
Refractive Index	-	ASTM D1218	1.355 - 1.365
Acetaldehyde	wt ppm	GC	To be reported
Non-volatiles	mg/100ml	ASTM D1353	To be reported
Specific Gravity (20°C/20°C)	-	ASTM D4052	To be reported

Note: All the above are indicated values.