



## PETRO PAKHSH FARAVAR SAINA CO

### *Specification for methanol*

*DATED : 09-July -2017*

#### Methanol (CH<sub>3</sub>OH)

TEST	METHOD	A GRADE	IMPAC	LIMIT(SPEC)
Appearance	ASTM-D1722	Clear And Free Of Suspended Matter	Clear And Free Of Suspended Matter	Clear And Free Of Suspended Matter
Purity (WT%)	ASTM-E346	Min99.90	99.85 Min	N/I
Water (WT%)	ASTM-E203	Max0.0500	0.1 Max	0.1 Max
Ethanol (ppm wt)	ASTM-E346	10 Max	50	10 Max
SPGR@20/20	ASTM-D4052	0.7925 - 0.7929	0.791 – 0.793	0.7928
Acetone (ppm wt)	ASTM-E346	10 Max	N/I	20
Permanganate time@15C.minutes	ASTM-D1363	Greater than 60 Minutes	Greater than 60 Minutes	30 Minutes
Distillation Range	ASTM-D1078	Max 1.0 °c to include64.6 °c ±0.1	Max 1.0 °c to include64.6 °c ±0.1	Max 1.0 °c to include64.6 °c ±0.1
Acidity (ppm wt) (as acetic acid)	ASTM-D1613	30 Max	30	30
Total Iron (ppm wt)	ASTM-D1068	0.1 Max	0.1	N/I
Chloride (ppm wt)	ASTM-D512	0.2 Max	0.5	N/I
SULOHUR (ppm wt)	ASTM-D5623	N/I	N/I	N/I
Hydrocarbons (water Miscibility)	ASTM-D1722	Passes test	N/I	N/I
Carbonisable PT-CO	ASTM-E346	Blow 30 APHA	Blow 30 APHA	Blow 30 APHA
Odour	ASTM-E1296	Characteristic nonresidual	Characteristic nonresidual	Characteristic nonresidual
Color PT-CO(APHA)	ASTM-D1209	Blow 5 APHA	Blow 5 APHA	Blow 5 APHA
Non Volatile Matter	ASTM-D1353	8mg/1000ml Max	10 Max	10 Max
TMA	ASTM-E346	40 ppb Max	N/I	N/I
Alkalinity as NH (ppm wt)	ASTM-D1614	N/I	N/I	N/I

N/I : Not Include In Specificatio

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