



CERTIFICATE OF ANALYSIS

Product Name : Methanol
Batch No. : 02A141215
Formula : CH₃OH
Cas No : 67-56-1
Date Of Analysis : December 16,2015

NO.	ITEM TEST	UNITS	METHOD	SPECIFICATION	RESULT
1.	Appearance	-	Visual	Clear and free of suspended matter	Clear and free of suspended matter
2.	Color	Hazen	ASTM D-1209	max 10	< 10
3.	Specific Gravity at 20 ⁰ C	-	ASTM D-891	0.789 – 0.793	0.792
4.	Methanol Purity	wt %	By GC	Min 99.50	99.973
5.	Water Content	wt %	By KF	Max 0.2	0.086
6.	Odour	-	Visual	Characteristic, free of foreign odor	Characteristic, free of foreign odor
7.	Acidity (as CH ₃ COOH)	wt %	ASTM D-1613	max 0.003	0.0008
8.	Acetone content	wt %	By GC	max 0.003	NIL
9.	Ethanol content	wt %	By GC	max 0.1	0.00431
10.	Non-Volatile matter	wt %	ASTM D-1353	max 0.001	0.0005
11.	Distillation, IBP	°C	ASTM D-1078	min 63.9	64.2
12.	Distillation , DP	°C	ASTM D-1078	max 67.1	64.6
13.	Hydrocarbon	-	By Spectro	passes test	Passes test
14.	Permanganate Time @ 15°C	Minute	ASTM D-1363	min 50	60

Remark : This Certificate refers to the lested sample only and item test for IBP, DP, result based on COA maker

PT..Pancasakti Putra Kencana



SUDIRO S.Si.
Quality Control