

**CERTIFICATE OF ANALYSIS**

Product Name : Isopropyl Alcohol  
 Batch No. : 01SBJ091015  
 Formula : (CH<sub>3</sub>)<sub>2</sub>CHOH  
 Cas No : 67-63-0  
 Date Of Product : May 02,2016

NO.	ITEM TEST	UNITS	METHOD	SPECIFICATION	RESULT
1.	Appearance	-	Visual	Clear Colourless Liquid	Clear Colourless Liquid
2.	Colour	Hazen	ASTM D-1209	max 10	< 10
3.	Wt. Per ml at 20 °C	g/cm <sup>3</sup>	ASTM D-891	0.784 – 0.786	0.786
4.	Purity	wt %	GC	min 99.50	99.968
5.	Water Content	wt %	By KF	max 0.1	0.0469
6.	Odour	-	Visual	Characteristic, free of foreign odor	Characteristic, free of foreign odor
7.	Acidity ( as CH <sub>3</sub> COOH )	wt %	ASTM D-1613	Max 0.003	0.00085
8.	Non-Volatile matter	wt %	ASTM D-1353	Max 0.002	0.0019
9.	Initial Boiling Point (IBP)	°C	ASTM D-1078	82.0	82.2
10.	Dry Point (DP)	°C	ASTM D-1078	82.5	82.3

Remark :  
 Manufacturer : Mitsui Chemical  
 This Certificate refers to COA maker

PT..Pancasakti Putra Kencana



SUDIRO S.Si.  
 Quality Control