



### CERTIFICATE OF ANALYSIS

Product Name : Ethyl Acetate  
Batch No. : 01MAP211015  
Formula : C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>  
Cas No : 147-78-6  
Date Of Analysis : October 22,2015

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.	Odour	–	Visual	characteristic odor	Characteristic odor
4.	Specific Gravity at 20 °C	–	ASTM D-891	0.897 – 0.903	0.902
5.	Purity	wt %	GC	min 99.5	99.934
6.	Water Content	wt %	By KF	max 0.05	0.0456
7.	Acidity ( as CH <sub>3</sub> COOH)	wt %	ASTM D-1613	max 0.005	0.0038
8.	Non-volatile matter	wt %	ASTM D-1353	max 0.002	0.0007
9.	Initial Boiling Point (IBP)	°C	ASTM D-1078	min 75	76.8
10.	Dry Point (DP)	°C	ASTM D-1078	max 79	77.2

Remark:  
This certificate refers to COA Maker/ supplier and the tested sample only

PT..Pancasakti Putra Kencana



SUDIRO S.Si.  
Quality Control