

### CERTIFICATE OF ANALYSIS

Product Name : Dextrose Monohydrate  
 Batch No. : 20140728  
 Formula :  $C_6H_{12}O_6 \cdot H_2O$   
 Cas No : 14431-43-7  
 Date Of Analysis : Okt 30,2020

NO.	ITEM TEST	UNITS	SPECIFICATION	RESULT
1.	Appearance	–	White crystal or crystalline powder	Conform
2.	Taste	–	Sweetless or slightly sweetness, no	Conform
3.			other taste	
4.	Water Content	%	max 10.0	8.1
5.	Specific Rotation	–	+ 52.0 – 53.5	53.0
6.	pH	–	4.0 – 6.5	5.9
7.	Dextrose	%	min 99.0	99.8
8.	Chloride (Cl)	%	max 0.01	< 0.01
9.	Sulphate (SO <sub>4</sub> )	%	max 0.25	0.03
10.	Total Bacteria	Efu/g	L-C 3000	Conform
11.	Coliform bacteria	MPN/100 g	~ 30	Conform
12.	Copper (Cu )	ppm	max 5.0	< 5.0
13.	Lead (Pb)	ppm	max 0.5	< 0.5
14.	Arsenic (As)	ppm	max 1.0	< 1.0
15.	Sulfur dioxide (SO <sub>2</sub> )	g/kg	max 0.04	< 0.04
16.	Pathogenic Bacterium	–	No exist	No exist

Remark:  
 This certificate refers to COA Maker

PT. Pancasakti Putra Kencana



SUDIRO S.Si.  
 Quality Control