



**PT. PANCASAKTI PUTRA KENCANA**  
IMPORTIR AND STOCKIST OF INDUSTRIAL AND FOOD CHEMICALS

**CERTIFICATE OF ANALYSIS**

Product Name : Propylene Glycol (USP)  
Batch No. : C81509BR41  
Formula :  $C_3H_8O_2$   
Cas No : 57-55-6  
Mfg. Date : September 11, 2024  
Exp. Date : September 11, 2026

NO.	ITEM TEST	UNITS	METHOD	SPECIFICATION	RESULT
1.	Identification	—	Visual	Clear colorless liquid	Clear colorless liquid
2.	Color	Hazen	ASTM D5386	max 10	< 10
3.	Specific Gravity at 25 °C	—	USP	1.035 – 1.037	1.036
4.	Assay	wt %	USP	min 99.8	99.99
5.	Water Content	wt %	By KF	max 0.2	0.003
6.	Acidity	wt %	USP	max 0.2	0.02
7.	Residu on ignition	wt %	USP	0.007	< 0.007
8.	Chloride (Cl)	wt %	USP	max 0.0070	0.001
9.	Heavy metals (as Pb)	mg/kg	USP	max 5	1
10.	Iron (Fe)	mg/kg	ASTME-394	max 0.30	0.01
11.	Arsenic (As)	mg/kg	USP	2.0	< 2.0
12.	Sulfate	wt %	USP	max 0.0060	< 0.006
13.	Ethylene glycol	wt %	USP	max 0.0080	< 0.0080
14.	Diethylene glycol	wt %	USP	max 0.0080	< 0.0080
15.	Distillation range (IBP)	°C	USP	184 – 186	185.4
16.	Distillation range (DP)	°C	USP	186 – 189	187.2

Remark:

This Certificate refers to COA maker

PT. Pancasakti Putra Kencana



Yuvraj Sagvekar  
Quality Control