



# CERTIFICADO DE ANÁLISIS (COA)

**Producto:** Propilen Glicol

**CAS N°:** 57-55-6

## Certificate of Analysis

**Product name:** Propylene Glycol USP grade

**Production Date:** 2021.12.31

**Batch No.:** YF01211231

**Expiry Date:** 2023.12.30

**CAS NO. :** 57-55-6

No.	Items	Index	Results
1	Appearance	Colorless, clear and viscous liquid and comparable to reference standard	Colorless, clear and viscous liquid and comparable to reference standard
2	Infrared identification	The infrared spectrum of the sample shall exhibit absorption bands of the same pattern and placement as those exhibited by the standard, with no extraneous band present.	Qualified
3	Specific Gravity	1.0350-1.0370(25/25deg C)	1.036
4	Assay	Min. 99.5%	99.875
5	Water content	Max. 0.2%	0.060
6	Acidity	Not more than 0.2ml of 0.1N NaOH	0.18
7	Residue on ignition	Max. 70ppm	20
8	Chloride	Max. 70ppm	<70
9	Heavy Metals	Max. 5ppm(as Pb)	<5
10	Sulfate	Max. 60ppm	<60
11	Color	Max. 10 (APHA)	<10
12	Distillation( IBP/DP)	184/189 deg C	185-189
13	Distillation volume	95min Vol%	99.5
14	Organic volatile impurities	Passed test	Passed
15	Refractive Indes	1.430-1.432 at 25deg C	1.4310
Conclusion			Qualified

El presente documento es copia fiel del original.