



## Certificate of Analysis

Product Name: Propylene Glycol

Batch Number: 1P03-202501006

Quantity: 72000kgs

Manufacturing Date: Jan. 1, 2025

Expiry Date: Dec. 31, 2026

Item	Unit	Specification	Result
PG content	Wt %	99.50 min	99.91
Moisture	ppm	2000 max	201
Density (20°C)	g/cm <sup>3</sup>	1.035-1.039	1.038
Index of refraction	n <sub>D</sub> <sup>20</sup>	1.430-1.434	1.432
Acidity(As Acetic Acid)	%	0.02 max	0.002
Distillation range	°C	183-190	185-188
Colourity (Pt-Co)	APHA	10	5
Appearance		Colorless, Viscous, transparent liquid	Colorless, Viscous, transparent liquid

胜华新能源科技（东营）有限公司  
SHINGHWA AMPEREX TECHNOLOGY (DONGYING) CO., LTD.

Conclusion: The product of this batch can match the specification by analysis.

  
Authorized Signature