

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

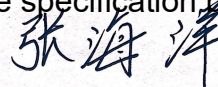
Certificate of Analysis

Name: PROPYLENE GLYCOL
Batch Number: 1P03-202512168
Date of Manufacture: DECEMBER. 19, 2025
Date of Expiry : DECEMBER. 18, 2026

Item	Unit	Specification	Result
MPG content	Wt %	99.50 min	99.75
Water	ppm	2000 max	965
Color	APHA	10	5
Acidity	ml	0.01 max	0.002
IBP	DegC	185 min	186
DP	DegC	189 max	188
Iron	ppm	0.5 max	< 0.5
Sulfate	ppm	10 max	< 10
Chloride	ppm	0.5 max	< 0.5
Heavy Metals(Pb)	ppm	5 max	< 5
Residue on Ignition	ppm	20 max	< 20
Specific Gravity	20/20degC	1.035-1.039	1.038
Refractive Index	nD20	1.431-1.435	1.432
Appearance		Colorless, Viscous, transparent liquid	Colorless, Viscous, transparent liquid

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


Authorized Signature