



胜华新能源科技（东营）有限公司

Shinghwa Amperex Technology (Dongying) Co Ltd.

## Certificate of Analysis

Product Name: Propylene Glycol USP Grade

Batch Number: 1P03-202510134

Quantity: 27520KGS

Manufacturing Date: Oct. 20, 2025

Expiry Date: Oct. 19, 2026

| Item                | Unit      | Specification                            | Result                                   |
|---------------------|-----------|------------------------------------------|------------------------------------------|
| MPG content         | Wt %      | 99.80 min                                | 99.91                                    |
| Water               | ppm       | 1000 max                                 | 372                                      |
| Color               | APHA      | 10                                       | 5                                        |
| Acidity             | ml        | 0.01 max                                 | 0.002                                    |
| IBP                 | DegC      | 186 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                              | 1.037                                    |
| Refractive Index    | nD20      | 1.431-1.435                              | 1.432                                    |
| Appearance          |           | Colorless,Viscous,<br>transparent liquid | Colorless,Viscous,<br>transparent liquid |

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

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Authorized Signature