



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

(Propylene Glycol Monomethyl Ether Acetate, PGMEA)

Issue Date: 20 FEB 2026 Quality Release Date: 20 FEB 2026

Product Name

Propylene Glycol Monomethyl Ether Acetate (PGMEA) 丙二醇单甲醚乙酸酯

Product Information

Product Number PGMEA-20260220

Batch Number PGMEA-SH2026022001

Brand SIGALD

CAS Number 108-65-6

MDL Number MFCD00008724

Formula $C_6H_{12}O_3$

Formula Weight 132.16 g/mol

Form Colorless transparent liquid, mild ether odor

Test Results

Test	Specification (Electronic Grade Standard)	Result	Unit	Test Method
Appearance (Color/Form)	Colorless transparent liquid, no turbidity/precipitate	Conforms	-	Visual Inspection (25°C)
Assay (PGMEA)	≥ 99.5%	99.8%	%	Gas Chromatography (GC)
Water Content	≤ 0.10%	0.03%	%	Karl Fischer Titration
Acidity (as CH_3COOH)	≤ 0.01%	0.002%	%	Alkaline Titration with Phenolphthalein
Color (APHA)	≤ 10	5	-	Platinum-Cobalt Colorimetric Method
Density (25°C)	0.966 ~ 0.970 g/cm ³	0.968	g/cm ³	Hydrometer Method
Refractive Index (25°C)	1.401 ~ 1.403	1.402	-	Abbe Refractometer
Flash Point (Closed cup)	46 ~ 48°C	47°C	°C	Pensky-Martens Closed Cup Method
Heavy Metals (Pb)	≤ 1 ppm	0.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Evaporation Residue	≤ 0.001%	0.0004%	%	Gravimetric Method (105°C Drying)

Certification

This batch of product has been tested in accordance with electronic grade industrial standards for Propylene Glycol Monomethyl Ether Acetate (PGMEA) and meets all specified requirements. It is qualified for use in electronic manufacturing, coating, ink and fine chemical synthesis fields.