

Certificate of Analysis

Product name: Propylene Glycol USP Grade

Production Date: 2025/10/27

Batch No.: YF01251027

Expiry Date: 2027/10/26

Items	Unit	Specification	Results
Identification	--	passed	passed
Appearance	--	Colorless clear viscous liquid	Colorless clear viscous liquid
Assay	%	99.80min	99.92
EG	ppm	50max	N.D.
DEG	ppm	50max	N.D.
Residue on Ignition	mg	2.5max	0.5
Chloride	w/%	0.007max	<0.007
Sulfate	w/%	0.006max	<0.006
Heavy metals	ppm	5max	<5
Specific Gravity(25°C/25°C)	--	1.035-1.037	1.036
Acidity(0.1N NaOH)	mL	0.05max	0.01
Moisture	w/%	0.10max	0.050
Fe	ppm	0.1max	N.D.
Colouring (Pt-Co)	Hazen	10max	<5
IBP	°C	184min	187
DP	°C	189max	187