

## Dongying Hi-tech Spring Chemical Industry Co.,Ltd Certificate of Analysis

**Product name:** Propylene glycol USP grade

**Production Date:**2022/4/24

**Batch No.:** YF01220424

**Expiry Date:**2024/4/23

Items	Unit	Specification	Results
Identification	--	passed	passed
Appearance	--	Colorless clear viscous liquid	Colorless clear viscous liquid
Assay	%	99.80min	99.87
EG	ppm	50max	N.D
DEG	ppm	50max	N.D
Residue on Ignition	mg	2.5max	0.6
Chloride	Weight %	0.007max	<0.007
Sulfate	Weight %	0.006max	<0.006
Heavy metals	ppm	5max	<5
Specific Gravity	--	1.035-1.037	1.036
Acidity(0.1N NaOH)	mL	0.05max	0.02
Moisture	Weight %	0.10max	0.088
Fe	ppm	0.1max	N.D
Color	Pt-Co	10max	<10
IBP	°C	184	186
DP	°C	189	187

**End of Test Data**



**Stamped by Q.C dept**

Storage condition: Keep the product in a windy warehouse , Light protection storage, Sealed storage in packing , the temperature is not more than 40° C, the humidity does not exceed 50%

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