



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

### Certificate of Analysis

Product name: Propylene glycol USP grade

Batch No.: PG(S)190110

Items	Unit	Specification	Results
Identification	---	passed	passed
Appearance	---	Colorless clear viscous liquid	Colorless clear viscous liquid
Assay	%	99.80 min	99.96
EG	ppm	50max	0
DEG	ppm	50max	0
Residue on Ignition	mg	2.5max	0.7
Chloride	Weight %	0.007max	<0.007
Sulfate	Weight%	0.006max	<0.006
Heavy metals	ppm	5max	<5
Specific Gravity	25°C	1.035-1.037	1.036
Acidity(0.1N NaOH)	ml	0.05max	0.03
Moisture	Weight%	0.10max	0.017
Fe	ppm	0.1max	0
Color	Pt-Po	10max	<10
IBP	°C	184	185
DP	°C	189	187

End of Test Data

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