



山东德普化工科技有限公司

SHANDONG DEPU CHEMICALS INDUSTRY SCIENCE AND TECHNOLOGY CO.,LTD

NO.,19 GUANGMING ROAD,DEVELOPMENT ZONE,XINTAI,TALAN,SHANDONG,CHINA

CERTIFICATE OF ANALYSIS

PROPYLENE GLYCOL USP GRADE

Product Name	Propylene Glycol USP Grade	Lot No	
Analysis Date		Issuing Date	
Production date		Expiry date	
Country	China	Sampling Spot	BAG
Index Name	Standards	Result	Unit
CAS NO	57-55-6	57-55-6	-----
Appearance	Clear and Odorless	Clear and Odorless	Pass
Specific Gravity	1.035 - 1.037	1.036	25°C
Refractive Index	1.4307 - 1.4317	1.431	25°C
Distillation Range	184 - 189	184	(L), °C
Distillation Range	184 - 189	189	(U), °C
Distillation Volume	99.9 Min	99.90	Vol%
Identification	Passed	Passed	---
Acidity (as Acetic Acid)	0.002m ax	0.0011 % (m/m)	m/m
Chloride	0.007m ax	<0.007	Weight %
Sulfate	0.006m ax	<0.006	0.006m ax
Iron Content	0.5m ax	0.11 μg/g	μg/g
Residue on Ignition	0.007m ax	0.002	Weight %
Assay	99.5min	99.87	GLC%
Density	1.037-1.039	1.037-1.038	Pass
Color	10 Max	6	Pass
Refractive Index	1.426-1.435	1.431-1.434	Pass

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