



ARROWCHEM

ORIGINAL

TECHNICAL DATA SHEET

Arrow Material: Propylene Glycol USP Grade
CAS NO.: 57-55-6
Molecular Formula: C₃H₈O₂
Shelf Life: one year and a half

Test Description	Unite of Measure	Specifications	
		Minimum	Maximum
Assay as PG on a dry basis	weight %	99.5	
Water	weight %		0.2
Color, Pt-Co	APHA Color		10
Specific Gravity @25/25C	-	1.0350	1.0370
Refractive Index @25C	-	1.4310	1.4320
Acidity (ml 0.1N NaOH/10ml)	-		0.05
Chloride as Cl	weight %		0.007
Sulfate	weight %		0.006
Heavy Metals as Pb	weight ppm		5
Residue on Ignition	weight ppm		70
Arsenic as As	weight ppm		1
Iron	weight ppm		0.5
Ethylene Glycol	weight %		0.008
Diethylene Glycol	weight %		0.008
Organic Volatile Impurities		pass	
Distillation range (L),	degrees C	184	189
Distillation range (U),	degrees C	184	189
Distillation volume, Vol%	vol%	95	

End of Test Data

Specification Version: 20130114

For Further Questions, Please Contact Arrow:

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