



CERTIFICATE OF ANALYSIS

Product	Propylene glycol (1,2-Propanediol)
Grade	Reagent
Product Code	PD0450(D0450)
Formula	C ₃ H ₈ O ₂
MW	76.10
CAS#	57-55-6
Lot No	

Test Items	Specifications	Results
Appearance	Clear viscous liquid	
Assay	≥99.0%	
Residue on Ignition	≤0.01%	
Sulfate	≤0.001%	
Density (20°)	1.035 – 1.039 g/ml	
Heavy Metals	≤0.0003%	
Solubility in water	PASS	
Oxidizing substances	PASS	
Acidity (as H ⁺)	≤0.05mmol/100g	
Water(KF)	≤0.2%	
Chloride	≤0.001%	

Storage: Store at room temperature.