

5055 – PROPYLENE GLYCOL (1, 2- PROPANEDIOL) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5055	STANDARD SPECIFICATION FOR PROPYLENE GLYCOL (1, 2- PROPANEDIOL) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 07/02/2025
Issue Date:08/02/2022		Product code: 5055

PRODUCT PROPERTIES

C.A.S Number	57-55-6
Chemical Formula	C ₃ H ₈ O ₂
Formula weight	76.10
Functional Uses	Propylene Glycol is used as solvent, glazing agent, humectants
Standard Packaging	25 ltr

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Clear, colourless, hygroscopic, viscous liquid
Solubility	Soluble in water, ethanol and acetone

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water (Karl Fischer)	NMT – 1.0%
Distillation range	99% v/v 185-189°
Specific gravity	1.035 - 1.040
Sulfated ash	NMT – 0.07%
Free acid	Passes Test
Lead	NMT – 2mg/kg
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

