

PRODUCT IDENTITY

PRODUCT NAME	Glycolic acid	PRODUCT NUMBER	G755904
Grades & Purity	BioReagent, ≥98%(T)	VERSION	3
CAS NUMBER	79-14-1	FORMULA	C ₂ H ₄ O ₃
FORMULA WEIGHT	76.05g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(G755904)	White Powder or Crystals
Purity (Titration by NaOH)	98-102 (%)
Solubility in H ₂ O(1M in water)	Almost transparency
Ammonia (NH ₄)	0-0.05 (%)
Residue on ignition(Ash)	0-0.1 (%)
Chloride	0-0.05 (%)
Sulfate(SO ₄ ²⁻)	0-0.05 (%)
Insoluble matter	0-0.1 (%)
Aluminum(Al)	0-0.0005 (%)
Calcium(Ca)	0-0.0005 (%)

PARAMETER	SPECIFICATION / LIMIT
Copper(Cu)	0-0.0005 (%)
Iron(Fe)	0-0.0005 (%)
Lead (Pb)	0-0.001 (%)
Magnesium(Mg)	0-0.0005 (%)
Phosphorus (P)	0-0.0005 (%)
Sodium(Na)	0-0.005 (%)
Zinc(Zn)	0-0.0005 (%)
Potassium(K)	0-0.005 (%)
Infrared spectrum	Conforms to Structure