

Product Specification Sheet

Product Code	: BUF-1120
Identifier	: Glycerol
Grade	: Biotechnology
Appearance	: Clear, colourless viscous liquid
Molecular Formula	: $C_3H_5(OH)_3$
Molecular Weight	: 92.09 g/mol
Product Description	: Commonly used in sample preparation and gel formation for polyacrylamide gel electrophoresis.
Storage Condition	: Store at room temperature.

Assay:

Purity
Calcium (Ca)
Chloride (Cl)
Color
Copper (Cu)
Esters of fatty acids
Fatty acids
IR
Iron (Fe)
Lead (Pb)
Magnesium (Mg)
Potassium (K)
Reducing substances
Residue after ignition
Sodium (Na)
Total phosphorus (P)
Total silicon (Si)
Total sulfur (S)
Water
Zinc (Zn)

Specification:

≥ 99 %
≤ 5 ppm
≤ 0.0005 %
≤ 10 APHA
≤ 0.5 ppm
≤ 0.08 %
PASS
PASS
≤ 1 ppm
≤ 0.5 ppm
≤ 2 ppm
≤ 5 ppm
PASS
≤ 0.005 %
≤ 20 ppm
≤ 2 ppm
≤ 2 ppm
≤ 5 ppm
≤ 0.5 %
≤ 2 ppm

Axil Scientific Pte Ltd

2 Tukang Innovation Grove #06-01, JTC MedTech Hub, Singapore 618305
Tel: +65-6775 7318 Email: info@axilscientific.com
Website: www.axilscientific.com