


**AMERICAN  
BIOANALYTICAL**

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**Glycerol, anhydrous "Super Glycerol"**
**AB00751**

glycerin; 1,2,3-propanetriol; vegetable source; animal-product free; ATP free

**Specifications**

CAS	56-81-5
grade	Ultra Pure/USP/FCC/EP
formula weight	92.09
formula	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>
physical description	Clear viscous liquid

	Minimum	Maximum
<b>Ultra Pure specifications</b>		
assay	99.7%	101.0%
heavy metals		1ppm
endotoxins		2.5eu/ml
water		0.3%
DNase (none detected)	pass	
RNase (none detected)	pass	
ATP (none detected)	pass	
<b>USP specifications</b>		
assay (C <sub>3</sub> H <sub>8</sub> O <sub>3</sub> )(anhydrous basis)	99.0%	101.0%
color	pass	
identification (GC)(A,B)	pass	
specific gravity (25°C)	1.249	
residue on ignition		0.007%
water		5.0%
chloride		0.001%
sulfate		0.002%
heavy metals		5.0ppm
limit of chlorinated compounds		0.003%
organic volatile impurities	pass	
fatty acids and esters	pass	
limit of diethylene glycol (DEG) and related compounds		1.0

**Notes and Applications**

meets all EP (European Pharmacopoeia) specifications

meets all FCC (Food Chemical Codex) specifications

 Super Glycerol AB00751 is **vegetable source material ONLY**.

## Product Specifications

No animal products are present.

**BSE** (Bovine Spongiform encephalopathy) and

**TSE** (transmissible encephalopathy) are not of concern.

Super Glycerol is preservative free

derived from naturally occurring vegetable oils:

(palm kernel, palm oil, coconut and palm oil stearin)

Super Glycerol is recommended for all applications in molecular biology