

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Glycerol, for spectroscopy, $\geq 99.5\%$

ITEM NUMBER: G116210
BRAND: Aladdin
CAS NUMBER: 56-81-5
MDL NUMBER: MFCD00004722
FORMULA: C₃H₈O₃
MOLECULAR WEIGHT: 92.09

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Colorless Liquid		
Infrared spectrum	Conforms to Structure		
Purity(GC)	99.5 %	100 %	100 %
UV Absorbance 205nm	0	1	1
UV Absorbance 210nm	0	0.3	0.3
UV Absorbance 225nm	0	0.1	0.1
UV Absorbance 280nm	0	0.05	0.05
UV Absorbance 320nm	0	0.02	0.02
UV Absorbance 340nm	0	0.01	0.01
UV Absorbance 400nm	0	0.01	0.01
Water by Karl Fischer	0 %	0.1 %	0.1 %
λ	H ₂ O reference		