

B.C.C.

BASIC CHEMICALS COMPANY (FZE)

شركة بايسك كيميكس (م.ح)

PRODUCT SPECIFICATION

Product Name : Glycerine USP Grade
 Product Identification
 Formula : $C_3H_8O_3$
 1,2,3-Propanetriol or 1,2,3-trihydroxypropane
 CAS No. : 56-81-5
 EINEC No. : 200-289-5
 Appearance : Clear, viscous liquid, syrupy
 Packaging : PE drum, steel drum, isotank, flexibag or bulk

Parameter	Unit	Specification	Test Methods
Appearance		Transparent	
Glycerine content	%	99.7 min	USP 34
Color	ml of $FeCl_3$	0.4	USP 34
Identification A (IR)	-	Conform	USP 34
Identification B - Diethylene Glycol - Ethylene Glycol	% %	0.10 max 0.10 max	USP 34
Identification C (GC)	-	Conform	USP 34
Specific Gravity	at 25°C	1.2612 min	USP 34
Moisture content	%	0.3 max	USP 34
Residue on Ignation	%	0.01 max	USP 34
Chlorides	ppm	10 max	USP 34
Sulfate	ppm	20 max	USP 34
Heavy metals	ppm	5 max	USP 34
Chlorinated Compounds	ppm	30 max	USP 34
Fatty Acid and Ester	as mL of 0.5N NaOH	1 max	USP 34
Related Compounds - Individual Impurities - Total Impurities	% %	0.1 max 1.0 max	USP 34

