



Classic Distributing Company

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TECHNICAL BULLETIN

Glycerine

ANALYSIS ITEM	UNIT	STANDARD METHOD	
Appearance	Clear, Colorless, Viscous Liquid	Clear, Colorless, Viscous Liquid	
Color	APHA	20 Max	-
Clarity & Color	50% w/v	-	Clear and colorless
Odor		To pass test	-
Specific Gravity	@25/25 °C	1.260 Min	-
Refractive Index	@20 °C		1.470 - 1.475
Assay/Purity	%	99.5 Min	98.0 Min
H2O	%	0.5 Max	2.0 Max
Heavy Metals	ppm	5 Max	10 Max
Ester	ml of 0.1M HCl	-	Not less than 8
Acidity	ml of 0.1M NaOH	-	Not more than 0.2
Fatty Acid & Ester	ml of 0.5 N NaOH	1 Max	-
Fatty Acid & Ester	as # Na2O	-	-
Sulfate	ppm	20 Max	-
Residue on Ignition	%	0.01 Max	-
Reducing Substances & Aldehydes	-	-	To pass test
Sugars	ppm	-	5 Max
Acrolein, Glucose & Ammonium Compound	-	To pass test	-
Organic Volatile Impurities	-	To pass test	-
Solubility	-	To pass test	-
Neutrality	-	To pass test	-
Chloride	ppm	10 Max	10 Max
Chlorinated Compounds	ppm as Cl	30 Max	-
Halogenated Compounds	-	-	To pass test
Identification, IR	-	To Conform to IR spectro test	-

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Fine Ingredients

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