

Certificat d'analyse / Certificate of analysis

Fournisseur / Supplier Name :	BestGlycol	Tel / Phone : +1.514.562.6483
Adresse / Supplier Adresse :	Montreal(QC), Canada	
Produit / Product Name :	Glycerine Vegetale USP	Quantité / Quantity : NA
Code du Produit / Product Code :	BG082018	Client / Customer : NA
Numero de Lot / Lot Number :	050512	Code du Client : Customer Code : NA
Date de Fabrication /		
Date of Manufacture :	2018-04-02	
Date d'analyse / Evaluation Date:	2018-05-08	
Date d'expiration / Expiration Date:	2019-05-08	

Resultats / Results

Test	Spécifications / Specification	Resultats / Results
Appearance	Colorless	Conforme / Complies
Assay % by weight	99.7 Min.	99.7%
Glycerol, %	Min. 99.5%	99.72%
Residue on ignition %	Max. 0.005%	0.001%
Chloride	Max. 10 ppm	<1 ppm
Sulfate	Max. 20 ppm	<20 ppm
Color APHA	<15	7.0
Specific Gravity 25 °C	Min. 1.2612	1.2613
Identification C	Passed	Passed
Identification A (refractive index @ 20 °C	1470 - 1475	1.4719
Description		
-A (IR)	Passed	Passed
-B Diethylene glycol, %	Max. 0.10%	<0.10
Ethylene Glycol, %	Max. 0.10%	<0.10
-C (RT of glycerine's peak)	Meet test requirement	Meet test requirement
Water content, % ww	Max. 5.0	0.15
Limit of Chlorinated Compounds	Max. 30 ppm	<30

Heavy metals (as Pb) ppm	Max. 5	<1.0
Arsenic, ppm	Max. 1.5	<0.10
Related Compounds (individual impurity)	Max. 0.1%	<0.1%
Related Compounds (total impurity)	Max. 1.0%	<1.0%
Acidity or alkalinity, ml of 0.1 M NaOH	0.2 Max	0.1 ml of 0.1 M NaOH was consumed
Aldehydes, ppm	10 Max	<10
Esters, ml of 0.1 M Hydrochloric Acid	8.0 Min	9.5 ml of 0.10M HCL Was consumed
Halogenated compound, ppm	35 Max	<35
Sugars	Passed	Passed
Impurity A, %	0.1 Max	<0.1
Any other impurity with a retention time less than the retention time of glycerol, %	0.1 Max	<0.1
Total of all impurities with retention time greater than the retention time of glycerol, %	0.5 Max	<0.5
Disregard limit, %	0.05 Max	<0.05
Water %	2.0 Max	0.15
Sulphated Ash %	0.01 Max	<0.01
Identification B (IR)	Passed	Passed
Identification D	Passed	Passed
Aspect	Passed	Passed
Solubility	Passed	Passed

CONDITIONS D'ENTREPOSAGE / STORAGE CONDITIONS

Garder à une température ambiante dans un contenant fermé. / Keep at room temperature in a sealed container.

Note : Ces résultats sont fournis par notre fournisseur. / These results are provided by our supplier.