



Supplies for Candles Ltd
Unit E Swinton Bridge Industrial Estate
Whitelee Road
Swinton
South Yorkshire
S64 8BH
UK

Telephone: 01709 257151
customerservice@suppliesforcandles.co.uk

Certificate Of Analysis

PRODUCT NAME & SKU: Glycerine (Vegetable Glycerine) TSK-LIQ051

Product:	WILFARIN EP997 FOOD (E422)	Batch No	TFM2407000016
CMR/PO	POR12038-5	CoA Created	06 Aug 2024
Trailer/container	MEMU1526555 /	Expiry	06 Aug 2026
Source Tank	KOOLE - Koole Tankstorage Pernis, 0741		

Analysis	Result	Units	Spec Min	Spec Max	Method
External Lab CoA no.	724636		0	N/A	
3-Monochloropropane-1,2diol (Free 3MCPD)	<0.01	ppm	N/A	0.1	GC-MS/conform pr EN-14573
Acidity or Alkanity	0.09	ml NaOH (0.1M)	N/A	0.2	Eur. Ph.
Acrolein	<0.5	mg/kg	N/A	3	External
Aldehydes	<10	ppm	N/A	10	Eur. Ph.
Appearance of Solution	clear & Colourless		0	N/A	Eur. Ph.
Arsenic	<0.02	ppm	N/A	0.1	ICP - MS
Assay (anhydrous substance)	99.8	%	98	101	Eur. Ph.
Butanetriols (1,2,4-Butanetriol)	<0.1	%	N/A	0.2	GC-MS
Cadmium	<0.02	ppm	N/A	0.1	ICP - MS
Chlorides	<10	ppm	N/A	10	Eur. Ph.
Chlorinated compounds (as chlorine)	<30	ppm	N/A	30	Conform USP38 NF 33
Colour.	5	Apha	N/A	10	Internal
Diethylene glycol (Impurity A)	<0.1	%	N/A	0.1	Eur. Ph.
Each impurity RT less than RT glycerol	<0.1	%	N/A	0.1	Eur. Ph.
Esters	8.87	ml of 0.1M HCL	8	N/A	Eur. Ph.
Ethylene glycol (Impurity A)	<0.1	%	N/A	0.1	Eur. Ph.
Fatty acids & ester (calculated as Butyric acid)	<0.1	%	N/A	0.1	Reg. (EC) 231/2012
Halogenated compounds	<35	ppm	N/A	35	Eur. Ph.
Heavy metals (EP)	<5	ppm	N/A	5	Eur. Ph.
Identification A (Ref-Id)	1.4736		1.471	1.474	Eur. Ph.
IR Absorbance	Conformity		0	N/A	Eur. Ph.
Lead	<0.05	ppm	N/A	0.1	ICP - MS
Mercury	<0.02	ppm	N/A	0.1	Hg FIMS
Odour	Conformity		0	N/A	In House
Propane-1,2,3-triol/Glycerine content	99.8	%	99.7	100	Eur. Ph.
Refractive Index	1.4736		1.471	1.474	Eur. Ph.
Relative density (true)20/20 °C	1.2628		1.257	N/A	Eur. Ph.
Spec. Gravity at 25°C	1.2609		1.257	N/A	

Sugar	Conformity	0	N/A	Eur. Ph.
Sulphated ash	<0.01 %	N/A	0.01	Eur. Ph.
Total Impurities with RT>RT glycerol	<0.5 %	N/A	0.5	Eur. Ph.
			0.3	Eur. Ph.