



The Soap Kitchen (2011) Ltd  
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## Certificate of Analysis

Customer Name:	Kilo Limited
Product Name:	MEKIROL VG995
MKR Reference:	POR07016A-7
Order Number:	818121
Lot Number:	EM0965-2002270633
Delivery Date:	13.03.2020
Quantity:	27.000kg
Date of Manufacture:	27.02.2020
Expiry Date:	27.02.2022

## Analysis

Test Description	Specification	Result
Glycerine Assay E422 and EP (% m/m):	99.5 – 101.0 min	100.0
Acrolein formation on heating E422 (Id A):	Complies	Complies
Specific gravity (25/25 deg C) E422 (Id B):	1.257 min	1.262
Refractive Index at 20 deg C E422 and EP (Id C):	1.471 – 1.474	1.474
Water, Karl Fischer EP (%):	0.5 max	0.04
Sulphated Ash E422 and EP (%):	0.01 max	0.00
Colour APHA:	10 max	4
Butanetriols E422 (%):	0.2 max	Complies
Acroleine, Glucose, Ammonium Compounds E422:	Complies	Complies
3-MCPD E422 (%):	Complies	Complies
Fatty Acids and Ester E422 (as Butyric Acid) (%):	0.1 max	Complies
Chlorinated Compounds E422 (ppm):	30 max	Complies
Arsenic E422 (mg/kg):	3 max	Complies
Lead E422 (mg/kg):	2 max	Complies
Mercury E422 (mg/kg):	1 max	Complies
Cadmium E422 (mg/kg):	1 max	Complies
Heavy Metals E422 and EP (ppm):	5 max	Complies
Identification A, B, C and D EP:	Complies	Complies
Appearance of solution EP:	Complies	Complies
Acidity and Alkalinity EP (ml 0.1M NaOH):	0.2 max	Complies
Aldehydes EP (ppm):	10 max	Complies

Esters EP (ml 0.1M HCl):	8.0 min	9.0	
Impurity A and Related Substances EP:	Complies	Complies	
Halogenated Compounds EP (ppm):	35 max	Complies	
Sugars EP:	Complies	Complies	
Chlorides EP (ppm):	10 Max	Complies	
<i>Manufactured from vegetable oil. Complies with the requirements of current editions for Glycerine of EP, EU Regulations 231/2012 (Glycerol E422), 68/2013 and Codex Alimentarius.</i>			
<i>The results given above are based on analysis carried out by the manufacturer. Some parameters not tested each batch and determined statistically.</i>			
<i>Receipt of this certificate does not free the customer from carrying out their own inspection and testing to verify the product is suitable for use.</i>			
Name:	Samantha Myller	Signature:	SJ. Myller
Position:	Technical Officer	Date:	12.03.2020