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Telko Ukraine LLC
 Grygoriia Andriushchenka Str., 4-G
 01135 Kyiv
 Ukraine



Product	PALMERA G995E (LIQUID) PHARMA-VEGETABLEKOSHER GLYCERINE 99.5% EP	12.08.2016
Quantity (kg)	20000	
Customer-Ref.	41016221	
Delivery No.	8010055944000010	
Batch No.	020006753	
Shipped by	AT 6710 XX	
Date of Despatch	12.08.2016	
Manufacturing Date	02.08.2016	
Recommended Retest date	28.07.2017	

Certificate of Analysis

We certify, that we have examined a sample of the above mentioned goods with the following results

Test Description	Unit	Min.	Max.	Result	Method
IR spectrum				pass	EP
Appearance of solution				pass	EP
Colour APHA	Hazen			5	ISO6271/EP
Water	%		0.50	0	ISO 760 / EP
Odour				0.05	BS 5711 19
Rel. density 25/25°C		1.261		1.262	EP
Glycerine	%	99.5	101.0	100.0	EP
Acidity 0.1M NaOH/50ml	ml		0.2	0.0	EP
Alkaline Substances				0.0	EP
Impur. A and rel. subst.				pass	EP
- Diethyleneglycol	%		0.1	pass	EP
- Impurity <Glyc.	%		0.1	< 0.1	EP
- Sum Impur. > Glyc.	%		0.5	< 0.5	EP
Sugars				pass	EP
Heavy metals <5 mgPb/kg				pass	EP
Chloride <10 mg/kg				pass	EP
Aldehyde <10 mg/kg				pass	EP
Sulphated ash	%		0.01	0.01	EP
Halogenated comp. <35 mg/kg				pass	EP
Halogenated comp. <30 mg/kg				pass	EP
Esters 0.1M HCl/50ml	ml	8.0		9.1	EP
Refractive index N20/D		1.473	1.475	1.474	EP
Butanetriols	%		0.2	0.0	231/2012/EU