

Product Specification

29/08/2023

Product Name: Vegetable Derived Glycerine 99.5%

BP/EP/E422/Kosher/Non-GMO

Property	Range	Method
Glycerine assay	99.5 – 101.0 % (m)	E422 and BP/EP
Acrolein formation on heating (Id A)	Complies	E422
Specific gravity (25/25 deg C) (Id B)	1.257 min	E422
Refractive index @ 20 °C (Id C)	1.471 – 1.474	E422 and BP/EP
Water	0.5 % max	BP/EP
Sulphated ash	0.01 % max	E422 and BP/EP
Colour	10 max	APHA
Butanetriols	0.2 % max	E422
Acrolein, glucose, and ammonium cmpds	Complies	E422
3-MCPD	Complies	E422
Fatty acids and esters (as butyric acid)	0.1%	E422
Chlorinated compounds	30 ppm max	E422
Arsenic	3 mg/kg max	E422
Lead	2 mg/kg max	E422
Mercury	1 mg/kg max	E422
Cadmium	1 mg/kg max	E422
Heavy metals ppm	5 mg/kg max	E422 and BP/EP
Identifications A, B, C and D	Complies	BP/EP
Appearance of solution	Complies	BP/EP
Acidity and alkalinity (0.1M NaOH)	0.2 ml max	BP/EP
Aldehydes	10 ppm max	BP/EP
Esters (0.1MHCl)	8.0 ml min	BP/EP
Impurity A and related substances	Complies	BP/EP
Halogenated compounds	35 ppm max	BP/EP
Sugars	Complies	BP/EP
Chlorides	10 ppm max	BP/EP
Nutritional Data (Typical) Energy, kcal / 100g	400	
Energy, kj /100g	1700	
Carbohydrates %	100	
Protein %	0	
Fat %	0	

Free from BSE/TSE risk material.

Not irradiated.

Complies with BP/EP. Food approved E422 according to EC directives 2008/84/EC.

Storage conditions

Store at ambient temperature away from heat sources and direct sunlight.

Statement: We guarantee the parameters listed above, all other requested additional parameters we cannot guarantee unless expressly stating such in writing and amending the standard specifications above. Test methods may vary, and unless expressly stated the method chosen, end users should make their own judgements on the usability of the material above in their end products or formulations, by requesting samples, trial orders prior to full production.



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