



Glycerine
Certificate of Analysis
Example

To: Astor & Windsor

Product: Glycerine 99.5% BP/E422
Lot number: 1505120820
Delivery Date: /////////////// Date of manufacture: ///////////////
Order No.: /////////////// Expiry date: ///////////////
Quantity: 27100 kg
Our ref: POR0//////////1-11 EKCUC 3220//////////

Test Description	Min	Max	Result
Appearance		Complies	Complies
Acidity/Alkalinity (ml 0.1M NaOH)		0.2	0.0
**Impurity A, %		0.1	Pass
Glycerine Assay, %	99.5		100.0
*Aldehydes, ppm		10	Complies
Esters (ml 0.1M HCl)	8.0		9.2
*Halogenated Compounds, ppm		35	Complies
*Chloride, mg/kg		10	Complies
*Sugars		Negative	Complies
*Total Heavy Metals, ppm		5	Complies
Refractive Index 20°C	1.470	1.475	1.474
Relative Density 25/25°C, g/cm ³	1.261	1.264	1.262
Water, Karl Fischer, %		0.5	0.02
**Sulphated Ash, %		0.01	0.00
Above tests according to Ph Eur 7 th Edition 2011			
Colour APHA		10	1
Above test according to DIN-ISO 6271			

*These parameters determined statistically
** These parameters determined by an external laboratory

**Manufactured from vegetable raw materials. Kosher certified. Free from GMO.
Approved for food use according to EC directives 89/107/EC, 95/2/EC, 96/77/EC (E 422).**

Certified that the goods detailed above have been inspected and tested in accordance with the conditions of the purchase order/contract, conform in all respects to the specification shown, and have the above analysis.

Marcus Norfolk
Technical Manager