

# *Certificate of Analysis*

**Description:** Vegetable Glycerine

**Lot No:** 108487

**Inci Name:** Glycerin

**Cas No:** 56-81-5

**Einecs No:** 200-289-5

<b>ANALYTICAL DETAILS</b>	<b>RANGE</b>	<b>RESULT</b>
APPEARANCE @ 20°C	Light, colourless, clear viscous liquid	Complies
ODOUR	Typical, Specific	Complies
COLOUR (APHA/ HAZEN)	10.0	1.0
GLICEROL CONTENT (%)	> 99.5	99.8
RELATIVE DENSITY @ 20°C	1.2620	1.263
REFRACTIVE INDEX @ 20°C	1.4710 – 1.4750	1.472
IDENTIFICATION B	Pass EP B limit test	Complies
IDENTIFICATION C	Pass EP C limit test	Complies
IDENTIFICATION D	Pass EP D limit test	Complies
IMPURITY A AND RELATED SUBSTANCES	Pass	Complies
ACIDITY – ALKALINITY (MI 0.1NaOH)	0.2	0.1
ESTER (ML 0.1 N HCl)	8.0	8.3
SUGARS	Negative	Complies
ALDEHYDES (PPM)	Pass EP limit test ( 10.0)	Complies
HALOGENATED COMPOUNDS (PPM)	Pass EP limit test ( 35.0)	Complies
CHLORIDES (mg/kg)	Pass EP limit test 10.0	2.9
HEAVY METALS (mg/kg (as Pb)	Pass EP limit test 5.0	Complies
WATER (%)	0.5	0.19
SULPHATED ASH (%)	0.01	<0.01

Date Produced: February 2015

Best Before: February 2017

R00180

30/03/2015