

SPECIFICATION SHEET

PRODUCT NAME: **GLYCERINE (PALM FREE) 99.5%, REFINED**

PRODUCT INCI: GLYCERIN (DERIVED FROM RAPESEED)

PRODUCT CODE: K0203

CAS NUMBER: 56-81-5 & 7732-18-5

EINECS NUMBER: 200-289-5 & 231-791-2

MANUFACTURING METHOD: REFINED

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: FEBRUARY 2021

ANALYTICAL DETAILS	RANGE %
APPEARANCE	VISCOUS LIQUID
ODOUR	ODOURLESS
COLOUR (APHA)	10 MAX
GLYCEROL CONTENT (% M/M)	>99.5
REFRACTIVE INDEX @ 20°C	1.471 – 1.474
SPECIFIC GRAVITY @ 25°C	>1.257
WATER (KARL FISCHER %)	<0.5
SULPHATED ASH (%)	<0.01
BUTANETRIOLS (%)	<0.2
FATTY ACIDS & ESTERS (AS BUTYRIC ACID) (%)	<0.1
CHLORINATED COMPOUNDS (PPM)	<30.0
ARSENIC (MG/KG)	<3.0
LEAD (MG/KG)	<2.0
MERCURY (MG/KG)	<1.0
CADMIUM (MG/KG)	<1.0
HEAVY METALS (PPM)	<5.0
ACIDITY & ALKALIMITY (ML 0.1M NaOH)	<0.2
ALDEHYDES (PPM)	<10.0
ESTERS (ML 0.1N HCl)	≥8.0
HALOGENATED COMPOUNDS (PPM)	<35.0
GLYCEROL CONTENT (%)	>99.5
CHLORIDES (PPM)	<10.0

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