

Tre divisioni, un'unità di Intenti. Produrre qualità.
Three Departments, a unique will: Produce Quality.

FARMALABOR

Farmacisti Associati

FARMALABOR 

FARMALABOR 

FARMALABOR  tech

CERTIFICATE OF ANALYSIS

Product **1202A VEGETABLE GLYCEROL PH. EUR. USP**
Batch Number **R1319230** ✓
Manufacturer

Retest date
19/11/2015 ✓

FARMADENT d.o.o.
Minarikova ul. 6
2000 Maribor
Posjeta: PISA DRAGO

Datum pregleda: 18.6.15
Pregledal: MAROLT Robert, mag. farm. spec.
Datum pregleda: 19.6.2014

TECHNICAL DATA SHEET

PRODUCT	VEGETABLE GLYCEROL EP USP
CHEMICAL NAME	1,2,3-propanetriol
INCI NAME	Glycerin
CAS NUMBER	56-81-5
MOLECULAR FORMULA	C3H8O3
MOLECULAR WEIGHT	92,1
OTHER NAMES	Glycerin; Trihydroxypropane; E 422
ORIGIN	The product is manufactured from raw materials of vegetable origin
TYPE OF PRODUCT AND USE	Food grade
SOLUBILITY	Soluble in water in all proportions, soluble in alcohol, slightly soluble in acetone and in common organic solvents
STORAGE	Keep in a cool, dry and ventilated place Store at room temperature (15-25°C)
PROPERTIES	Technological properties: antimicrobial preservative; solvent and cosolvent; emollient; humectant; sweetening agent; tonicity agent
APPLICATIONS	In topical pharmaceutical formulations and cosmetics, glycerin is used primarily for its humectant and emollient properties; glycerin is also used as a solvent or cosolvent in creams and emulsions. Glycerin is additionally used in aqueous and nonaqueous gels and also as an additive in patch applications. In oral solutions, glycerin is used as a solvent, sweetening agent, antimicrobial preservative and viscosity-increasing agent. It is also used as a plasticizer of gelatin in the production of soft-gelatin capsules and gelatin suppositories; it is also used in film coatings. For its pleasant taste and for its high viscosity, it is used both as a sweetener and as an active ingredient in syrups and tablets
RECOMMENDED DOSAGE	Antimicrobial preservative: < 20%; Emollient: <= 30%; Gel vehicle, aqueous: 5-15%; Gel vehicle, nonaqueous: 50-80%; Humectant: <= 30%

ANALYSIS	LIMITS	RESULTS
ASSAY	Glycerol content >= 99,70%	99,88%
APPEARANCE	Clear and colorless fluid (20°C)	Complies
COLOUR	<= 10 (APHA)	5
ODOUR	Odourless	Complies
DENSITY	>= 1,260 g/cc (25°C)	1,2615
REFRACTIVE INDEX	1,470-1,475 (20°C)	1,474
ASH	<= 0,01%	< 0,01%
HEAVY METALS	<= 5 ppm	< 5 ppm
CHLORIDES	<= 10 ppm	< 10 ppm
ACIDITY/ALCALINITY	<= 0,20 ml of NaOH 0,1 M (Ph. Eur. VI)	0,03 ml
ESTERS	>= 8 ml HCl 0,1 M (Ph. Eur. VI)	> 8 ml
ALDEHYDES	Complies (Ph. Eur. VI; USP 31/NF 26)	Complies
SUGARS	Complies (Ph. Eur. VI; USP 31/NF 26)	Complies
WATER	<= 0,5%	0,20%

NOTES

NOTES

GMOs-free (1829-1830/2003/EC); BSE/TSE-free
Kosher certified
Complies with Ph. Eur. VII ed. (2011), USP 31/NF 26

PHARMACOPOEIA

FARMALABOR Srl
Head office Via Pozzillo, zona ind. - 76012 Canosa di Puglia (Bt) - Italy
Legal head office Via Oberdan, 52 - 76012 Canosa di Puglia (Bt) - Italy
Representative office Via Cavriana, 3 - 20134 Milano (Mi) - Italy
Cod. Fisc. e Partita Iva - VAT n° 05676410722

Phone +39 0883 611 301
Fax +39 0883 664 824
Fax 800 085 708
E-mail info@farmalabor.it
Web www.farmalabor.it

La qualità aziendale
è riconosciuta dalle certificazioni
Company quality is guaranteed
through following certifications

ISO 9001:2008
ISO 14001:2005



Date of approval 18.11.21

Tre divisioni, un'unità di intenti. Produrre qualità.
Three Departments, a unique will: Produce Quality.



Farmacisti Associati

FARMALABOR FARMALABOR FARMALABOR **CERTIFICATE OF ANALYSIS**

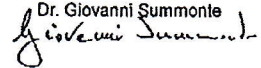
Product **1202A VEGETABLE GLYCEROL PH. EUR. USP**
Batch Number **R1319230**
Manufacturer

Retest date
19/11/2015

All specifications are as provided by the original manufacturer. They do not imply any exemption from identifying and inspecting the product before its use, the final user being fully responsible for the adoption and the correct usage of the product.

Technical director

Dr. Giovanni Summonte



FARMALABOR Srl
Head office Via Pozzillo, zona ind. - 76012 Canosa di Puglia (Bt) - Italy
Legal head office Via Oberdan, 52 - 76012 Canosa di Puglia (Bt) - Italy
Representative office Via Cavriana, 3 - 20134 Milano (Mi) - Italy
Cod. Fisc. e Partita Iva - VAT n° 05676410722

Phone +39 0883 611 301
Fax +39 0883 664 824
Fax 800 085 708
E-mail Info@farmalabor.it
Web www.farmalabor.it

La qualità aziendale
è riconosciuta dalle certificazioni
Company quality is guaranteed
through following certifications
ISO 9001:2008
ISO 14001:2005

