



# KEMIG

Proizvodnja i prodaja farmaceutskih i kozmetičkih  
sirovina, ambalaže i gotovih proizvoda



## GLYCEROLUM/Glicerol

INCI: **GLYCERIN**  
Kontrolni broj/Control number: 1700522  
Zahtjev kvalitete/Quality request: Ph.Eur. 9.0  
Serija/Batch: 00010705 ✓  
Datum proizvodnje/Production date: 05.01.2017.  
Datum retesta/Recertification date: 31.01.2019. ✓  
CAS: 56-81-5  
Zemlja podrijetla/Country of origin: Germany

### ANALITIČKO IZVJEŠĆE/CERTIFICATE OF ANALYSIS

ISPITIVANJE/TEST	ZAHTJEV/REQUIREMENT	REZULTAT/RESULTS
Osobine/Characters	bistra, bezbojna ili gotovo bezbojna sirupasta tekućina, masna opipa, miješa se s vodom i alkoholom, teško topiv u acetonu, gotovo netopiv u masnim i biljnim uljima/syrupy liquid, unctuous to the touch, colorless or almost colorless, clear, very hygroscopic, miscible with water and with alcohol, slightly soluble in acetone, practically insoluble in fatty oils and in essential oils	odgovara/conform
Identifikacija/Identification:	A; C; D	odgovara/conform
Izgled otopine/Appearance of solution	bistra i bezbojna/clear and colorless	odgovara/conform
Kiselost ili lužnatost/Acidity or alkalinity	odgovara testu/correspond to test	odgovara/conform
Indeks refrakcije/Refractive index	1,470 – 1,475	1,4733
Aldehidi/Aldehydes	≤ 10 ppm	< 10 ppm
Esteri/Esters	0,1 M HCl > 8 ml	8,66 ml
Onečišćenje A i srodne tvari/ Impurity A and related substance (GC):		
A; Diethylen glycerol:	≤ 0,1 %	< 0,001 %
Pojedinačna; Rt<glicerol/ Any other impuriti Rt<glycerol	≤ 0,1 %	0,008 %
Ukupna; Rt>glicerol/ Total of all impurities Rt>glycerol	≤ 0,5 %	< 0,001 %
Halogeni spojevi/Halogenated compounds	≤ 35 ppm	< 35 ppm
Šećeri/Sugars	odgovara testu/correspond to test	odgovara/conform
Kloridi/Chlorides	≤ 5 ppm	< 5 ppm
Teški metali/Heavy metals	≤ 5 ppm	< 5ppm
Voda/Water	≤ 2,0 %	0,07 %
Sulfatni pepeo/Sulphated ash	≤ 0,01 %	< 0,01 %
Sadržaj/Assay	98,0 % - 101,0 %	99,99 %

Analiza izvršen/Date of analysis: 13.01.2017.  
Analitičar/Analyst: GK

Voditelj kontrolno analitičkog laboratorija /Responsible quality control laboratory manager  
mr.ph.Elizabeta Marok-Grilec (mr.sc.)  
Specijalista ispitivanja i kontrole lijekova/ Medicals control and testing specialist

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