



Das Tierarztunternehmen.

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TOLNAGRO  
Rakoczi u. 142-146  
H-7100 SZEKSZARD

### Certificate of Analysis

Date	04.04.2018
Created at	8:19:18 PM
Customer no.	620540

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Material: 90625  
Description: Glucose-Lösung 40% ad us. vet. WDT  
Packing unit: 10 x 500 ml

Batch: 18P4844  
Expiry date: 11.2020      Manufacturing date:

Parameter	Unit	Value	Lower Limit	Upper Limit
imprint batch no. and date of expiry		complies	-	-
text ref. to print approval	Unit	complies	-	Upper Limit
layout ref. to print approval	Unit	complies	-	Upper Limit
print colours ref. to print approval	Unit	complies	-	Upper Limit
solution appearance	Unit	complies	-	Upper Limit
colour of solution	Unit	complies	-	Upper Limit
visible particles	Unit	complies	-	Upper Limit
primary packaging material	Unit	complies	-	Upper Limit
colour of solution (CoA)	Unit	complies	-	Upper Limit
extractable volume (CoA)	Unit	Value	Lower Limit	Upper Limit
	ml	515,00	500,00	-
pH value (CoA)	Unit	Value	Lower Limit	Upper Limit
		4,6	3,5	5,5
relative density (CoA)	Unit	Value	Lower Limit	Upper Limit
	g/ml	1,151	1,140	1,155
refractive index (CoA)	Unit	Value	Lower Limit	Upper Limit
		1,392	1,387	1,393
part. contamination invisible >10µm(CoA)	Unit	Value	Lower Limit	Upper Limit
	part./ml	0	-	25

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Parameter	Unit	Value	Lower Limit	Upper Limit
part. contamination invisible >25µm(CoA)	part./ml	0	-	3
Parameter glucose (CoA)	Unit %	Value 102,00	Lower Limit 95,00	Upper Limit 105,00
Parameter identity glucose (CoA)	Unit	Value complies	Lower Limit -	Upper Limit -
Parameter HMF and related sub. (CoA)	Unit %	Value 0,000	Lower Limit -	Upper Limit 0,100
Parameter bact. endotoxins (EP, 2.6.14) (CoA)	Unit I.U./ml	Value 0,05	Lower Limit -	Upper Limit 0,25
Parameter sterility (CoA)	Unit	Value complies	Lower Limit -	Upper Limit -

The above mentioned batch has been manufactured and checked in accordance with the requirements of its Marketing Authorization, in accordance with the principles and guidelines of EU GMP, German Drug Law and German Drug Manufacturing Regulation. It conforms to all specifications and is released to the market hereby.

The approval was made by electronic signature of Dr. Rolf Tybussek, Sachkundige Person / Qualified Person, plant Garbsen, on Feb 17, 2018, 7:03:03 PM. This document was generated from a computer-based system validated pursuant to annex 11 of the EU GMP Guide. The data in this document, as well as the documented decision to release are legally valid without a manual signature in full.