



Das Tierarztunternehmen.

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**TOLNAGRO**  
Rakoczi u. 142-146  
H-7100 SZEKSZARD

Certificate of Analysis	
Date	12.06.2018
Created at	8:27:06 AM
Customer no.	620540

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

Batch: 18R1093  
Expiry date: 02.2021      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	510,00	500,00	-
pH value (CoA)	Unit	Value	Lower Limit	Upper Limit
		4,7	3,5	5,5
relative density (CoA)	Unit	Value	Lower Limit	Upper Limit
	g/ml	1,149	1,140	1,155
refractive index (CoA)	Unit	Value	Lower Limit	Upper Limit
		1,391	1,387	1,393
part. contamination invisible >10µm(CoA)	Unit	Value	Lower Limit	Upper Limit
	part./ml	0	-	25

Material: 90625  
Description: Glucose-Lösung 40% ad us. vet. WDT  
Packing unit: 10 x 500 ml  
Date: 12.06.2018  
Created: 8:27:06 AM

Parameter	Unit	Value	Lower Limit	Upper Limit
part. contamination invisible >25µm(CoA)	part./ml	0	-	3
<b>Parameter</b> glucose (CoA)	<b>Unit</b> %	<b>Value</b> 101,90	<b>Lower Limit</b> 95,00	<b>Upper Limit</b> 105,00
<b>Parameter</b> identity glucose (CoA)	<b>Unit</b>	<b>Value</b> complies	<b>Lower Limit</b> -	<b>Upper Limit</b> -
<b>Parameter</b> HMF and related sub. (CoA)	<b>Unit</b> %	<b>Value</b> 0,000	<b>Lower Limit</b> -	<b>Upper Limit</b> 0,100
<b>Parameter</b> bact. endotoxins (EP, 2.6.14) (CoA)	<b>Unit</b> I.U./ml	<b>Value</b> < 0,05	<b>Lower Limit</b> -	<b>Upper Limit</b> 0,25
<b>Parameter</b> sterility (CoA)	<b>Unit</b>	<b>Value</b> complies	<b>Lower Limit</b> -	<b>Upper Limit</b> -

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 Apr 21, 2018, 1:18:54 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.