

# Certificate of Analysis



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## Inspection certificate "EN10204-3.1"

Product Name	<b>Ethoxylates</b>		
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	Sales order	:	4313385
	Delivery	:	805465212
	Grade	:	SAPEG 400
	Batch no.	:	0025091156
	Quantity	:	36.000 MT
	Batch Prod. Date	:	05.10.2022
	Country of Origin	:	Kingdom of Saudi Arabia
	Manufacturing Site	:	SAUDI KAYAN,Saudi-Arabien
	LC No.	:	DPCOCB215792

The results from this batch are:

Properties	Test Methods	Specification range		Values	Units
		Min	Max		
Hydroxyl Number as mgKOH/g	SKIMS/QAD-SOP-209	267	295	282	
pH (5% Aq.solution)at 25 Deg C	ASTM D 4252	4.5	7.5	5.2	
Average MW	SKIMS/QAD-SOP-209	380	420	397	
Colour at 25 Deg C	ASTM D 1209	0	40	6	Pt-Co
Residual EO	SKIMS/QAD-SOP-298	0.00	1.00	0.32	Wt ppm
1,4 Dioxane	SKIMS/QAD-SOP-300	0.00	10.00	0.10	Wt ppm
Water	ASTM E 203	0.000	0.500	0.060	Wt %
Acidity as mgKOH/g	ASTM D 4252	0.00	0.50	0.26	
Total glycols	SKIMS/QAD-SOP-326	0.000	0.250	0.250	Wt %
Appearance at 25 Deg C	SKIMS/QAD-SOP-168			Clear Liquid	
Expiry Date : 24 Months From Production Date					
This analysis has been conducted in accordance to the EXCiPACT(Pharmaceutical Excipient) and EFFCi(European Cosmetic) Standard					

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