

**CERTIFICATE OF ANALYSIS**

Our Ref. : F21/1153-01

Our Sample Id. : 52636

**Royal Herkel  
Nobelweg 6  
3899 BN Zeewolde  
NETHERLANDS**

Product : Pentravan

Lot number : 21004029/BI210262

Customer product number : 9714997

Customer reference : QC-1

Date of application : 01/06/2021

Date of reception : 03/06/2021

Date start of analysis : 15/06/2021

Date of end of analysis : 23/06/2021

Test Method : ANA-FAG-061/2

Spec Reference : ANA-FAG-061/2

**PERFORMED ANALYSIS AND RESULTS**

Analysis	Specification	Result
<b>Aspect</b>		
Appearance	Stiff, thick cream	Complies
Colour	Yellow	Complies
Odour	Specific, slight odour of Lecithin	Complies
Agglomeraten	ABSENT	Absent
<b>Identifications</b>		
Identification Benzoic acid (HPLC)	POSITIVE	POSITIVE
Identification Sorbic acid (HPLC)	POSITIVE	POSITIVE
<b>Other tests</b>		
Density (Ph.Eur.2.2.5)	0,97 - 1,00 g/mL	0.98 g/mL
pH (Ph.Eur.2.2.3)	4,0 - 5,5	4.5
<b>Viscosity</b>		
Viscosity 10 rpm sp.7(Ph.Eur.)	40000 - 150000 mPa.s	50133 mPa.s
Instrument		RV
Spindle		7
<b>Assays</b>		
Assay Benzoic acid (HPLC)	0,090 - 0,170 %	0.093 %
Assay Sorbic acid (HPLC)	0,090 - 0,250 %	0.227 %

CONCLUSION : The sample complies with the specifications of the performed analysis.



**pharmaceutical contract analysis**

GMP certification 1843 H - V - IMP

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Issued By: Patsy Peeters

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Patsy Peeters

Industrial Pharmacist, QP

Date of Issue: 23/06/2021

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