

CERTIFICATE OF ANALYSIS

Our Ref. : F19/1477-01

Our Sample Id. : 35106

Date of application : 16/07/2019

Date of reception : 18/07/2019

Date start of analysis : 18/07/2019

Date of end of analysis: 26/07/2019

Product : Pentravan

Lot number : 1906568/BI190663

Customer product number : 9714997

Customer reference :

Applicant

Royal Herkel

Nobelweg 6

3899 BN Zeewolde

NETHERLANDS

+31365211800

Test Method : ANA-FAG-061/2

Spec Reference : ANA-FAG-061/2

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Aspect		
Appearance	Stiff, thick cream	Complies
Colour	Yellow	Complies
Odour	Specific, slight odour of Lecithin	Complies
Agglomeraten	ABSENT	Absent
Identifications		
Identification Benzoic acid (HPLC)	POSITIVE	POSITIVE
Identification Sorbic acid (HPLC)	POSITIVE	POSITIVE
Other tests		
Density (Ph.Eur.2.2.5)	0,97 - 1,00 g/mL	0.97 g/mL
pH (Ph.Eur.2.2.3)	4,0 - 5,5	5.1
Viscosity		
Viscosity 10 rpm sp.7(Ph.Eur.)	40000 - 150000 mPa.s	59867 mPa.s
Instrument		RV
Spindle		7
Assays		
Assay Benzoic acid (HPLC)	0,090 - 0,170 %	0.092 %
Assay Sorbic acid (HPLC)	0,090 - 0,250 %	0.221 %

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

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Date of Issue: 29/07/2019

This is an electronic signature

