

CERTIFICATE OF ANALYSIS

Our Ref. : F19/2360-01

Our Sample Id. : 37886

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

Product : Versatile Rich

Lot number : 1910453/BI191299

Customer product number : 9715604

Customer reference :

Date of application : 19/11/2019

Date of reception : 22/11/2019

Date start of analysis : 25/11/2019

Date of end of analysis : 17/12/2019

Test Method : ANA-FAG-069/1

Spec Reference : ANA-FAG-069/1

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Aspect		
Appearance	Stiff, shiny, homogeneous mass	Complies
Color	Off white to very light yellow	Complies
Odor	Weak, distinctive odor	Complies
Agglomeraten	ABSENT	Absent
Identifications		
Identification Benzoic acid (HPLC)	The assay of benzoic acid shows peak at the same retention times as the standard	POSITIVE
Identification Sorbic acid (HPLC)	The assay of sorbic acid shows peak at the same retention times as the standard	POSITIVE
Other tests		
Density (Ph.Eur.2.2.5)	0,960 - 1,000 g/mL	0.98 g/mL
pH (Ph.Eur.2.2.3)	3,5 - 5,5	4.2
Viscosity		
Viscosity (Ph.Eur)	75000 - 165000 mPa.s	120000 mPa.s
Instrument		RV
Spindle		RV-7
Assays		
Assay : Benzoic acid (HPLC)	0,090 - 0,170 %	0.095 %
Assay : Sorbic acid (HPLC)	0,090 - 0,170 %	0.095 %

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

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Issued By: Ingrid Van den Broeck

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Date of Issue: 17/12/2019

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