

CERTIFICATE OF ANALYSIS**ROYAL HERKEL
Nobelweg 6
3899 BN Zeewolde
NETHERLANDS**

Date of application : 07/12/2020
Date of reception : 07/12/2020
Date start of analysis : 09/12/2020
Date of end of analysis : 06/01/2021

Product : SYRSPEND CHERRY BE
Customer product number : 9715507
Customer reference : QC-1-81001

Test Method : ANA-FAG-062/2
Spec Reference : Customer

PERFORMED ANALYSIS AND RESULTS**Analysis****Specification****Result****F20/2913-01 - 48020 - Lot number : 20007319/BI201646****Aspect**

Appearance	Hazy translucent syrup	Complies
Colour	White	Complies
Odor	Specific, cherry	Complies

Identifications

Identification Benzoic acid (HPLC)	POSITIVE	POSITIVE
Identification Starch (reaction)	POSITIVE	POSITIVE

Other tests

Solubility	Miscible with water in a 1:1 ratio.	Complies
pH (Ph.Eur.2.2.3)	4,0 - 4,4	4.3
Density (Ph.Eur.2.2.5)	1,00 - 1,04 g/mL	1.02 g/mL

Assays

Assay Benzoic acid (HPLC)	0,068 - 0,084 %	0.074 %
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CONCLUSION : The sample complies with the specifications of the performed analysis.

F20/2913-02 - 48394 - Lot number : 20007319/BI201646 155561 Boven

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Test Method : ANA-FAG-062/2

Spec Reference : Customer

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Other tests		
Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	741.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	2370 mPa.s
Instrument		RV
Spindle		3

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

F20/2913-03 - 48395 - Lot number : 20007319/BI201646 155561 Midden

Other tests

Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	615.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	1730 mPa.s
Instrument		RV
Spindle		3

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

F20/2913-04 - 48396 - Lot number : 20007319/BI201646 155561 Onder

Other tests

Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	599.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	1660 mPa.s
Instrument		RV
Spindle		3

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

F20/2913-05 - 48397 - Lot number : 20007319/BI201646 155562 Linker

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Test Method : ANA-FAG-062/2

Spec Reference : Customer

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Other tests		
Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	568.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	1520 mPa.s
Instrument		RV
Spindle		3

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

F20/2913-06 - 48398 - Lot number : 20007319/BI201646 155562 Midden

Other tests		
Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	593.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	1620 mPa.s
Instrument		RV
Spindle		3

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

F20/2913-07 - 48399 - Lot number : 20007319/BI201646 155562 Rechter

Other tests		
Viscosity		
Viscosity 100 rpm (Ph.Eur.)	500 - 1500 mPa.s	614.0 mPa.s
Instrument		RV
Spindle		3
Viscosity 10 rpm (Ph.Eur.)	1500 - 4500 mPa.s	1690 mPa.s
Instrument		RV
Spindle		3

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: Ingrid Van den Broeck
Office Manager/HR
Date of Issue: 06/01/2021
This is an electronic signature

Patsy Peeters
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