

**CERTIFICATE OF ANALYSIS**

Our Ref. : F20/0787-01

Our Sample Id. : 41377

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

Product : SYRSPEND CHERRY BE

Lot number : 20002216/BI200297

Customer product number : 9715507

Customer reference : Kostencode QC-1-81001

Date of application : 26/03/2020

Date of reception : 27/03/2020

Date start of analysis : 01/04/2020

Date of end of analysis : 02/04/2020

Test Method : ANA-FAG-062/2

Spec Reference : Customer

**PERFORMED ANALYSIS AND RESULTS**

| Analysis                           | Specification                       | Result     |
|------------------------------------|-------------------------------------|------------|
| <b>Aspect</b>                      |                                     |            |
| Appearance                         | Hazy translucent syrup              | Complies   |
| Colour                             | White                               | Complies   |
| Odor                               | Specific, cherry                    | Complies   |
| <b>Identifications</b>             |                                     |            |
| Identification Benzoic acid (HPLC) | POSITIVE                            | POSITIVE   |
| Identification Starch (reaction)   | POSITIVE                            | POSITIVE   |
| <b>Other tests</b>                 |                                     |            |
| 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  |
| <b>Viscosity</b>                   |                                     |            |
| Viscosity 100 rpm (Ph.Eur.)        | 500 - 1500 mPa.s                    | 715 mPa.s  |
| Instrument                         |                                     | RV         |
| Spindle                            |                                     | 3          |
| Viscosity 10 rpm (Ph.Eur.)         | 1500 - 4500 mPa.s                   | 2540 mPa.s |
| Instrument                         |                                     | RV         |
| Spindle                            |                                     | 3          |
| <b>Assays</b>                      |                                     |            |
| Assay Benzoic acid (HPLC)          | 0,068 - 0,084 %                     | 0.074 %    |

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



**pharmaceutical contract analysis**

GMP certification 1843 H - V - IMP

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Date of Issue: 02/04/2020

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