

CERTIFICATE OF ANALYSIS

Our Ref. : F21/1595-01
Our Sample Id. : 54390

Royal Herkel
Nobelweg 6
3899 BN Zeewolde
NETHERLANDS

Product :	SYRSPEND SF PH4	Date of application :	30/07/2021
Lot number :	20007846/BI210723	Date of reception :	02/08/2021
Customer product number :	N/A	Date start of analysis :	10/08/2021
Customer reference :	QC-1	Date of end of analysis :	17/09/2021

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

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Aspect		
Appearance	Hazy translucent syrup	Complies
Colour	White	Complies
Odor	Specific, not perfumed	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)	0,99 - 1,02 g/mL	1.02 g/mL
Viscosity		
Viscosity 10 rpm Spindel 21 (Ph.Eur.)	700 - 1600 mPa.s	925 mPa.s
Instrument		RV
Spindle		SC4-21
Viscosity 1 rpm Spindel 21 (Ph.Eur.)	2000 - 5500 mPa.s	2700 mPa.s
Instrument		RV
Spindle		SC4-21
Assays		
Assay Benzoic acid (HPLC)	0,068 - 0,084 %	0.077 %

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