



CARGILL KREFELD B/P
CERESTARSTRASSE 2
D-47809 KREFELD

1601777

Fax: 00498031950825

Certificate of Analysis/Conformity

Product :	C*PharmSorbitol NC 16205	Volume (kg) :	13056
Product description :	Sorbitol syrup	Order number :	17888181
Lot number :	03318416	Packing description :	5X272 M5X272
Best before date :	FEB 2017	Container number :	
Customer reference :		Contract number :	17107409
Number of units :	48	Shelf life (mth) :	24
Production date :	13 FEB 2015	Shipment date :	26-feb-2015

Producing Plant: Cargill Deutschland GmbH - Cerestar Strasse 2 - 47809 Krefeld Germany - Tel: +49 (0)2151 575 214 Fax: +49 (0)2151 575 884

Analysis

Parameter	Unit	Result	Min	Max
Dry substance	%	70.1	70.0	70.7
Colour		0.10		0.1
Mannitol on d.b.	%	4.4	2.0	6.0
Sorbitol on d.b.	%	77.9	74.0	79.0
pH 1:1 diluted		5.2	5.0	7.0
Reducing sugars on d.b.	%	0.13		0.14
Specific conductivity 70 % d.s.	µS/cm	0.10		1.00
Total sugars on d.b.	%	9.9	8.6	11.5

We herewith confirm that this batch has been tested to the quality requirements. Test results are within the agreed limits.

Conformity *

Parameter	Unit	Min	Max
Odour+taste		pass test	pass test
Total plate count /g			200
Yeasts /g			20
Moulds /g			20
Nickel	mg/kg		1

* Conformity parameters are not measured for every lot but on monitoring basis. When tested, results are within the specified limits listed.



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The current European Pharmacopoeia version

Current JECFA Monograph

Commission Regulation (EU) No 724/2013 amending Regulation (EU) No 231/2012 as regards specifications on several polyols.

Aflatoxin VerbotsV

The current United States Pharmacopoeia / National Formulary version

This product is in compliance with:

Zusatzstoff-Verkehrsverordnung

Directive 94/35/EC and their amendments - sweeteners for use in foodstuffs

Rückstandshöchstmengenverordnung (RHmV)

Current Food Chemical Codex

Where manufactured in the EU this product is in compliance with Regulation (EC) 1333/2008 and subsequent amendments - on food additives.

Regulation 231/2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No. 1333/2008.

The Cargill Certificate of Analysis (CoA) relates only to the product as originally supplied by Cargill. Any use of the CoA in any further business transactions is strictly subject to the absence of any physical manipulation, alteration, repackaging or commingling of the product and the absence of any intentional or unintentional change to the original labelling, the CoA itself or the original packaging. Cargill shall not be liable for any damages resulting from or related to the improper use of the CoA by infringement of this restriction of use or otherwise.

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