

**Certificate of analysis**

Kirsch Pharma GmbH · Postfach 21 11 64 · D-38213 Salzgitter

Date 02. December 2020 Page 1 of 1  
 Your PO number - Date 496289 - 27.11.2020  
 Your article code 81016870000  
 Delivery number - Position 80058339 - 10  
 Our order number - Position 63278 - 10  
 Customer number 100083



Reg.Nr. 3275-QM

Article code	Batch	Quantity	Release date	Manufact. date	Retest date
102920136200	2020480146	4.000,000 KG	02.12.2020	18.08.2020	18.08.2022

**Sodium Bicarbonate (excipient)** Purity: curr. EP

Parameter	Unit	Result	Specification
Identity A (EP, BP)		complies	Acc. to requirements
Identity B (EP, BP)		complies	Acc. to requirements
Identity C (EP, BP)		complies	Acc. to requirements
Appearance of solution (EP, BP)		complies	Correlates to test
Assay (EP, BP)	%	99,5	99,0 - 101,0
Arsenic (EP, BP)	mg/kg	< 2,0	< = 2,0
Sulphate (EP, BP)	mg/kg	< 150,0	< = 150,0
Iron (EP, BP)	mg/kg	< 20,0	< = 20,0
Calcium (EP, BP)	mg/kg	< 100,0	< = 100,0
Ammonium (EP, BP)	mg/kg	< 20,0	< = 20,0
Carbonates (EP/BP)		7,90	< = 8,60
Chloride (EP, BP)	mg/kg	< 150,0	< = 150,0

This batch corresponds to "Purity: curr. EP".  
 This certificate does not release the buyer from product control on receipt.

*R. A. W. Schmidt*

Quality Unit

Kirsch Pharma GmbH