



CERTIFICATE OF ANALYSIS

Product: **SODIUM BICARBONATE BICARPHARMA 0/13**

MP 020933 S0025

Batch: (DOC2722072)

Quantity: 225 KG

Print date: 09-03-21

Order no:

10331407

Your ref.:

MAIL VOM 01.03.21

Production Date: 28-09-20

Best Before :

28-09-23

Characteristics	Method	Unit	Specifications	Analysis
Total alkalinity	as NaHCO ₃	%	99.0 - 100.5	100.1
Bicarbonate	as NaHCO ₃	%	99 min	99.8
PHE Identification A, B, C	Ph.Eur.		conform	complies
Appearance of solution			clear and colourless	complies
Carbonates	as pH 5g/100ml solution		8.6 max	8.0
Normal carbonate	solution coloration		faint pink	complies
Chlorides	as Cl	ppm	150 max	31
Sulfur compounds	as SO ₄	ppm	150 max	11
Sulphates	SO ₄	ppm	150 max	11
Ammonium	as NH ₄	ppm	20 max	<20
Arsenic	as As	ppm	2 max	<0.4
Calcium	as Ca	ppm	100 max	83
Iron	as Fe	ppm	5 max	0.2
Heavy metals	as Pb	ppm	5 max	<5
Loss on drying	as H ₂ O	%	0.25 max	<0.10
Free flowing density		kg/dm ³	0.8 - 1.3	1.0
Particle size distribution:				
< 0.20 mm		%	80 min	100.0
< 0.063 mm		%	40 max	28.2
..				
European Pharmacopoeia (Ph. Eu.)			compliance confirmed by supplier	
United States Pharmacopoeia (USP)			compliance confirmed by supplier	

The analytical values of this certificate are intended to define and describe the product. They do not eliminate the responsibility of the user to undertake own analyses of the properties of the product and its suitability for the foreseen process.

Signature: This document was processed electronically and therefore does not carry a signature.