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Comp reg. NL003253235801

CERTIFICATE OF ANALYSIS

Order nr	1274104	Cust order Ref	OC4500167929/4500168287
Product	GLUCONAL® K-G		
Lot No	Potassium gluconate anhydrate		
Manufacturing Date	1909000668	Retest Date	14-Sept-2022
	15-Sept-2019		

Test	Units	Specification	Results
Assay	%ww	98.0 - 103.0	99.4
Assay potassium	%ww	16.2 - 17.2	16.5
Colour		White	White
Identification Potassium		Passes test	Passes test
Identification Gluconate		Passes test	Passes test
pH (10% solution)	%	7.0 - 8.3	7.7
Loss on drying	%	<=3.0	0.7
Sieve fraction > 850 um	%	<=5	0
Sieve fraction > 425 um	%	<=30	10
Sieve fraction > 180 um	%	>=50	67
Sieve fraction > 106 um	%	>=80	96

Parameters not tested in all lots but validated through in-process or final testing.

Test	Units	Specification
Heavy metals total	ppm	<=20
Arsenic	ppm	<=3
Lead	ppm	<=0.5
Color (K2Cr2O7)	ppm	<=4
Clarity (10% solution)		<=4
Reducing substances	%	<=0.5
TAMC	counts/g	<=1000
TYMC	counts/g	<=10
Enterobacteriaceae		Absent in 1 g
Salmonella		Absent in 50g

This lot complies with: current USP, FCC, JECFA, 231/2012/EC
 This batch of product has been manufactured, including packaging / labelling and quality control in full compliance with the GMP requirements
 Released on 24-Oct-2019
 Marco Poortier QA manager
 This document is generated by a validated system and therefore not signed.