

Gracefruit Limited
 209 Glasgow Road
 Longcroft
 Bonnybridge
 FK4 1QQ

Certificate of Analysis

Creation date 07.11.2018	Your order no. / Date 022187 / 24.10.2018	Delivery note / Date of dispatch 80724274 000070 / 07.11.2018		
Our reference / Date 676581 000070 / 24.10.2018	Client number	Date of arrival 14.11.2018		
Material / Product / Description 113547 / / Glucono-delta-Lactone fine granular F5010 in 25 kg bags		Country of origin: FR		
Shipping point Jungbunzlauer S.A. Z.I. Et Portuaire - B.P. 32 67390 Marckolsheim				
Batch 5120684	Quantity 1.000 KG	Date of production 29.09.2018	Date of expiry 09.2021	Production plant Marckolsheim, France

We herewith confirm that this product meets the requirements of the latest edition of the Food Chemicals Codex (FCC) and the Commission Regulation (EU) N° 231/2012. All analytical methods are in accordance with the latest requirements of the FCC or equivalent methods. Test methods are available on request.

Parameter	Unit	Specification	Value
Characteristics			conforms
Identification			conforms
Lead (< 1 mg/kg)			conforms*
Heavy Metals (as Pb, < 10 mg/kg)			conforms*
Chloride	mg/kg	<= 50	conforms*
Sodium	mg/kg	<= 30	conforms*
Ash (< 0.10 %)			conforms*
Reducing Substances	%	<= 0,5	conforms*
Assay	%	99,0 - 100,5	99,6
Melting point	°C	150 - 154	conforms*
Water content	%	<= 0,15	conforms*

*) analysis is confirmed based on In-Process-Control or by random testing.

This computer generated certificate is valid without signature.
 Quality Control Manager