

Certificate of Analysis

Gracefruit Ltd

Epsom Salt

Batch No.:

2117000026

Manufact. Date: 2017-10-26

Re-test Date: 2022-08-19

Description: Colourless, elongated, prismatic or cubical crystals, or a white granular powder, stable in air, solution is neutral to litmus, odourless.

Solubility: 1 g dissolves in 2.8 ml of water at 25°C and in about 2 ml of boiling water, with additives it may produce a cloudy solution or dissolve incompletely, insoluble in ethanol

Manufacturer's address: Bertha-von-Suttner-Str. 7, 34131 Kassel, Germany

Manufacturing site's address: Farsleber Str. 1, 39326 Zielitz, Germany

The analytical values were determined before addition of the listed anti-caking agent. They refer to the compound potassium chloride.

Grain size 0.1 - 0.6 mm

Parameter	Method of Analysis	Result	Specification
Assay (Dried Basis)	ICP - AES	99.1 %	>= 99.0 %
Acidity/Alkalinity *)	volumetry	corresponds	o.K.
Arsenic *)	DIN EN ISO 17294-2 (KCl)	corresponds	<= 3 mg/kg
Lead *)	DIN EN ISO 17294-2 (KCl)	corresponds	<= 2 mg/kg
Mercury *)	DIN EN ISO 12846 (E12) (KCl)	corresponds	<= 1 mg/kg
Cadmium *)	DIN EN ISO 17294-2 (KCl)	corresponds	<= 1 mg/kg
Heavy Metals as Lead *)	Ph. Eur.	corresponds	<= 5 mg/kg
Loss on Drying	2h, 105°C	0.1 %	<= 1 %
Sodium	ICP - AES	0.2 %	<= 0.5 %
Identity Reaction	FCC	corresponds	o.K.
Iodide *)	Ph. Eur.	corresponds	o.K.
Bromide		corresponds	o.K.
Magnesium hydroxide carbonate dosage		corresponds	typ. 1 %

*) not tested on each batch