production date: 07/2016

expiry date: 03/2018

Certificate of Analysis – KEY BRAND

Na Rakeku, 06.09.2016

MANGO BUTTER, REFINED STABILIZED WITH NATURAL VITAMIN E (MIX)
lot: 8002186001

Refractive index (40 degree C)	1,459
Acid value	0,3
Peroxide value	complies
Iodine value	50
Saponification value	190
Colour gardner	3,2
Colour lovibond 5 1/4" yellow	21,0
Colour lovibond 5 1/4" red	2,7

Fatty acid composition

Lauric acid	(C 12:0)	< 0,05 %
Myristic acid	(C 14:0)	0,12 %
Myristoleic acid	(C 14:1)	< 0,05 %
Palmitic acid	(C 16:0)	9,41 %
Palmitoleic acid	(C 16:1)	< 0,05 %
Margaric acid	(C 17:0)	0,09 %
Heptadecenoic acid	(C 17:1)	< 0,05 %
Stearic acid	(C 18:0)	38,23 %
Oleic acid	(C 18:1)	44,47 %
Linoleic acid	(C 18:2)	6,51 %
Linolenic acid	(C 18:3)	< 0,05 %
Octadecatetraen acid	(C 18:4)	< 0,05 %
Arachidic acid	(C 20:0)	0,79 %
Eicosenoic acid	(C 20:1)	0,25 %
Eicosanedienoic acid	(C 20:2)	< 0,05 %
Eicosanetetraenoic acid	(C 20:4)	< 0,05 %
Behenic acid	(C 22:0)	0,12 %
Erucic acid	(C 22:1)	< 0,05 %
Lignoceric acid	(C 24:0)	< 0,05 %
Nervonic acid	(C 24:1)	< 0,05 %
Other		0,01 %

Solvent residues: The pharmaceutical auxiliary material fulfills the requirements made of solvent residues in the European Pharmacopoeia (CPMP/ICH/283/95) and the USP (467 Residual solvents). Notwithstanding, the food law requirements are fulfilled.

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This product in question is not affected by the GMO problem. Therefore this product does not need to be labelled regarding any genetic modification as per the new GMO regulations 1829/2003 and 1830/2003.

TSE/BSE risk: This raw material is of pure vegetable origin; during its production, storage and transport it has no contact with animal materials so that any contamination can be ruled out.
It is therefore not affected by the regulations with regard to the guidelines stated in chapter 5.2.8 of the European Pharmacopoeia.

According to all relevant requirements in terms of unwanted substances in food, like residues of pesticides and other contaminants, compliance is given by an appropriate and risk-based monitoring plan. This plan is regular monitored and adjusted, if necessary.

Computer edited certificate - valid without signature