

Certificate of Analysis

Gracefruit Ltd

Raw Material Code: R00411

Product Description: Vitamin E

INCI Name: Tocopherol

EINECS Number: - / 233-466-0 / 218-197-9 / 200-412-2 / 205-708-5 / 204-299-0 / 200-201-5

CAS Number: 1406-66-2 / 10191-41-0 / 2074-53-5 / 59-02-9 / 148-03-8 / 119-13-1 / 54-28-4

Date of Production: October-2016

Best Before: October-2019

Lot Number: L000190646

Revised date: -

Analytical Details	Result
Appearance	Viscous liquid, Brownish red
Total Tocopherols (%)	71.2
d-alpha Tocopherol (%)	6.5
Nonalpha Tocopherols (%)	64.6
d-delta Tocopherol (%)	16.7
d-beta + d-gamma Tocopherols (%)	47.9

Caproic Acid	C6:0	0
Caprylic Acid	C8:0	0
Capric Acid	C10:0	0
Lauric	C12:0	0
Myristic Acid	C14:0	0
Palmitic Acid	C16:0	0
Palmitoleic Acid	C16:1	0
Margaric Acid	C17:0	0
Stearic Acid	C18:0	0
Oleic Acid	C18:1	0
Ricinoleic Acid	C18:1 (OH)	0
Linoleic Acid	C18:2	0
Alpha Linolenic Acid	C18:3	0
Gamma Linolenic Acid	C18:3	0
Stearidonic Acid	C18:4 Gamma	0
Arachidic Acid	C20:0	0
Eicosenoic Acid	C20:1	0
Eicosadienoic acid	C20:2	0
Behenic Acid	C22:0	0
Erucic Acid	C22:1	0
Docosadienoic Acid	C22:2	0

Lignoceric Acid	C24:0	0
Others		0