

CERTIFICATE OF ANALYSIS



Product Name	Sheanut Butter, Organic
Product INCI	Butyrospermum Parkii Butter
Product Code	E1240
CAS	91080-23-8
EINECS	293-515-7

Manufacturing Method	Expeller Pressed & Refined
Part Used	Nut
Quality	100% Pure and Natural

Manufacturing Date	07.2020
Best Before Date	07.2022
Lot Number	P00103

Analytical Details	Range %	Result
Appearance	Soft butter	-
Colour	Off white - ivory	-
Colour (Lovibond)	<10Y, 1.5R	4.0,0.4
Colour (Gardner)	<1.5	1
Free fatty acid (% as oleic)	<0.2	0.05
Peroxide value (meq/kg)	<2	0
Moisture (%)	<0.10	0.01
Refractive index	max. 1.4627	1.4627
Iodine value	<72	63.4
Melting point (°C)	< 34	32,8

Fatty Acid Profile		Range %	Result
C16:0	Palmitic	2.0 – 6.0	3.2
C16:1	Palmitoleic	-	0
C18:0	Stearic	38 - 47	40.2
C18:1	Oleic	42 - 49	44.9
C18:2	Linoleic	4 - 8	7.5
C18:3	Linolenic	<1	0.1
C20:0	Arachidic	1 - 2	1.3
C20:1	Eicosanoic	<1	0.1
C22:0	Behenic	< 1	0.3
C22:1	Docosenoic	-	0
C24:0	Lignoceric	<1	0.1