



Shea Olein

Product Datasheet

Artikelnummer: 40-063

Description

The product is an all vegetable oil based on Shea Kernel Oil.

Typical Analysis

Parameter	Unit	Typical Value	Method
Free fatty acid as oleic acid	%	0.4	IUPAC 2.201 (m)
Iodine value	Wijs	66	IUPAC 2.205
Saturated fatty acids	%	32	IUPAC 2.304
Monounsaturated fatty acids	%	59	IUPAC 2.304
Polyunsaturated fatty acids	%	9	IUPAC 2.304
Trans fatty acids	%	< 1	IUPAC 2.304

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	Name	Retention Time (min)	Area (counts)	Result (%)
1	C16:0	19,33	29145	3,22
2	C16:1 cis sum	19,98	484	0,05
3	C17:0	20,32	606	0,07
4	C18:0	21,45	246006	27,16
5	C18:1 t (1)	21,89	888	0,10
6	C18:1 n-9	22,17	524413	57,90
7	C18:1 n-7	22,23	5803	0,64
8	C18:2 (1)	23,24	79260	8,75
9	C20:0	23,93	9919	1,10
10	C18:3	24,72	2144	0,24
11		24,78	746	0,08
12	C20:1 (1)	24,88	4466	0,49
13	C22:0	27,40	1106	0,12
14	C24:0	32,51	800	0,09
Sum			905786,3	100,00

	Name	Area (counts)	Result (%)
1	C18:1 cis sum	530216	58,54
2	C18:1 cis trans sum	531104	58,63
3	C18:1 trans sum	888	0,10
4	C18:2 cis sum	79260	8,75
5	C18:2 cis trans sum	79260	8,75
6	C18:3 cis sum	2144	0,24
7	C18:3 cis trans sum	2144	0,24
8	C20 and higher	16292	1,80
9	C20:1 cis sum	4466	0,49
10	C22 and higher	1906	0,21
11	C24 and higher	800	0,09
12	Monounsaturated fatty acids ci	535167	59,08
13	Polyunsaturated fatty acids ci	85870	9,48
14	Saturated fatty acids	287582	31,75
15	Trans fatty acids sum	888	0,10

	Saturated Fatty Acids (%)	Monounsaturated Fatty Acids (%)	Polyunsaturated Fatty Acids (%)	Unknown (%)	Iodine Value GC	Deo_T_18_2_C_T	Deo_T_18_3_C_T
1	31,75	59,08	8,99	0,08	66,6		