



## TECHNICAL SPECIFICATIONS

### HYDROGENATED SOYBEAN OIL

Last updated 08-04-10

#### QUALITY VALUES

	HYDROGENATED SOYBEAN OIL 25	HYDROGENATED SOYBEAN OIL 31	HYDROGENATED SOYBEAN OIL 35	HYDROGENATED SOYBEAN OIL 37	HYDROGENATED SOYBEAN OIL 45
<b>Application</b>	Light frying Dairy products	Margarine Biscuits Confectionary		Margarine Dairy Products	Margarine Deep-frying
<b>Flavour and odour</b>	Bland	Bland	Bland	Bland	Bland
<b>FFA (M=max282)</b>	0.06%	0.06%	0.06%	0.06%	0.06%
<b>Moisture (max)</b>	0.05%	0.05%	0.05%	0.05%	0.05%
<b>Impurities</b>	Negative	Negative	Negative	Negative	Negative
<b>Colour red (max)</b> (Lovibond 5¼" cell)	1.5	1.5	1.0	1.5	1.5
<b>Peroxide Value</b> (at loading, max meq/kg)	0.5	0.5	0.5	0.5	0.5
<b>Iodine Value</b> (Wijs-method)	88 – 98	74 – 80	68 – 74	65 – 71	55 – 61
<b>Melting Point (°C)</b>	24 – 26	30 – 32	34 – 37	36 – 39	44 – 47
<b>Solid Fat Content</b>					
-at 20°C	6 – 10	28 – 34	42 – 50	54 – 62	80 – 88
-at 30°C	0 – 3	5 – 10	15 – 21	22 – 28	56 – 64

#### FATTY ACID COMPOSITION

	HYDROGENATED SOYBEAN OIL 25	HYDROGENATED SOYBEAN OIL 31	HYDROGENATED SOYBEAN OIL 35	HYDROGENATED SOYBEAN OIL 37	HYDROGENATED SOYBEAN OIL 45
<b>C12:0</b>	0.1	0.1		0.1	0.1
<b>C14:0</b>	0.1	0.1		0.1	0.1
<b>C16:0</b>	10.6	10.6	11	10.6	10.6
<b>C18:0</b>	4.8	6.6	12	13.4	23.8
<b>C18:1</b>	60.8	74.0	71	70.6	61.4
<b>C18:2</b>	21.8	7.6	5	4.2	3.0
<b>C18:3</b>	0.8				
<b>C20:0</b>	0.4	0.4		0.4	0.4
<b>C20:1</b>	0.2	0.2		0.2	0.2
<b>C22:0</b>	0.4	0.4		0.4	0.4

**NOTE:** This product does not require a Material Safety Data Sheet. It is a food grade product which is intended for edible uses. It is not a health, safety or toxic hazard. This specification is provided for information purposes only and should not be relied upon as a basis for product performance. It is suggested that you evaluate the product on at least a laboratory basis prior to its commercial usage. NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC USE OR PURPOSE, EXPRESS OR IMPLIED, ARE MADE. These specifications are not intended to and shall not be construed to be instructions or suggestions for use which may be in violation of patent rights.