

CERTIFICATE OF ANALYSIS

SWEET ALMOND OIL, PH.EUR. 8.0

Amygdalae oleum raffinatum

Product code:	P170002; P170022; P170000	Lot No.:	ALRP113761 ✓
Production date:	Feb. 2015	Expiry date:	Feb. 2017 ✓
Packaging:	1,0 L; 5,0 L; 10,0 L		

Parameter	Unit	Specification	Result
Appearance	----	Clear liquid, pale yellow	Complies
Solubility	----	Complies EP test	Complies
Unsaponifiable matter	%	0 - 0,9	0,69
Specific absorbance	----	0,2 - 6	Complies
Acid value	mg KOH/g	0 - 0,5	0,14
Peroxyde value	Meq O ₂ /Kg	0 - 5	0,7
Water	%	0 - 0,1	≤ 0,1
% <C16	%	0 - 0,1	≤ 0,1
Palmitic acid (C16:0)	%	4 - 9	5,48
Palmitoleic acid (C16:1)	%	0 - 0,8	0,65
Margaric acid (C17)	%	0 - 0,2	≤ 0,2
Stearic acid (C18)	%	0 - 3	1,92
Oleic acid (C18:1)	%	62 - 86	67,15
Linoleic acid (C18:2)	%	20 - 30	23,61
Linolenic acid (C18:3)	%	0 - 0,4	0,37
Arachidic acid (C20:0)	%	0 - 0,2	0,18
Eicosenoic acid (C20:2)	%	0 - 0,3	≤ 0,3
Behenic acid (C22:0)	%	0 - 0,2	0,13
Erucic acid (C22:1)	%	0 - 0,1	≤ 0,1
Cholesterol	%	0 - 0,7	0,45
Campesterol	%	< 5	4
Stigmasterol	%	< 4	3,61
Beta-sitosterol	%	73 - 87	73,2
Delta(5)-avenasterol	%	> 5	5,36
Delta(7)-avenasterol	%	< 3	2,16
Delta(7)-stigmaasterol	%	< 3	1,14
Brassicasterol	%	< 0,3	Traces

Registry

CAS: 8007-69-0

EINECS: 273-313-5

INCI: Prunus Amygdalus Dulcis Oil

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