

# SKLOP 1: KEMIKALIJE IN REAGENTI

Datum: 30.3.2020

Zap. št.	Oznaka A/R	ARTIKEL	CAS številka	Zahtevana Kat. št.	Kot na primer Kat. št.	Največja enota pakiranja	(Predvidena) letna količina
1	R	(+)-Cyclosativene, 99%	22469-52-9		448559 Sigma-Aldrich	100 mg	100 mg
2	A	(+)- $\gamma$ -Tocopherol analytical standard, ampule of 25 mg	54-28-4	Supelco 47785		ampule po 25 mg	2 ampuli
3	R	(+)- $\alpha$ -Pinene, analytical standard, Synonym: (1R,5R)-2-Pinene, (1R,5R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	7785-70-8		80605 Supelco	1 mL	1 mL
4	R	( $\pm$ )-2-Octanol, analytical standard, Synonym: Hexyl methyl carbinol	123-96-6		42277 Supelco	1 mL	1 mL
5	R	(E)-2-decenal, oz. trans-2-decenal, analytical standard	3913-81-3		91309 Supelco	1 mL	5 mL
6	R	(E,E)-2,4-hexadienal, oz. trans, trans-2,4-hexadienal, analytical standard, Synonym: Sorbaldehyde, Sorbic aldehyde	142-83-6		74198 Supelco	1 mL	5 mL
7	R	(R)-(+)-Limonene, analytical standard, Synonym: (+)-p-Mentha-1,8-diene, (+)-Carvene, (R)-4-Isopropenyl-1-methyl-1-cyclohexene	5989-27-5		62118 Supelco	1 mL	2 mL
8	R	1-(2-METHOXYPHENYL)PIPERAZINE, 98%	35386-24-4		M22601 Sigma-Aldrich	5 g	5 g
9	R	1,1,2,2,-Tetrachloroethane, 1,1,2,2-Tetrachloroethane for synthesis. Molar mass 167.85 g/mol.	79-34-5		8.43948 Sigma-Aldrich	250 ml	250 ml
10	R	1,2,3,6-Tetrahydropyridine, 97%	694-05-3		134759 Sigma-Aldrich	1 g	1 g
11	R	1,3-Dinonadecanoin, čistost $\geq$ 95%, analytical standard Synonym: 1,3-Dinonadecanoylglycerol, 1,3-Dinonadecanoyl-rac-glycerol, DG(19:0/0:0/19:0) [rac], Glycerol dinonadecanoate	372490-74-9		68633 Supelco	25 mL	100 mg
12	R	1,7-Octadiene, 98%	3710-30-3		O2501 Sigma-Aldrich	100 g	100 g
13	R	1-Butanol, 1-Butanol for liquid chromatography LiChrosolv <sup>®</sup> . CAS 71-36-3, chemical formula CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> OH. Synonym: Butan-1-ol, n-Butyl alcohol, BuOH, Butan-1-ol, n-Butyl alcohol, BuOH	71-36-3		1.01988 Supelco	1 L	1 L
14	R	1-Decene, analytical standard	872-05-9		30649 Supelco	5 mL	5 mL
15	R	1-Docosanol 98%, Synonym: Behenyl alcohol	661-19-8		169102 Sigma-Aldrich	50 g	50 g
16	A	1-Eicosanol, čistost $\sim$ 98% ali boljša	629-96-9		234494 Sigma Aldrich	5 g	15 g
17	R	1-HEPTACOSANOL, APPROX. 98 %	2004-39-9		H6764 Sigma Aldrich	100 mg	100 mg
18	R	1-Heptanol, analytical standard, Synonym: Heptyl alcohol	111-70-6		72954 Supelco	1 mL	2 mL
19	R	1-Hexacosanol, $\geq$ 97% (capillary GC), Synonym: Ceryl alcohol, Hexacosyl alcohol	506-52-5		H2139 Sigma-Aldrich	250 mg	250 mg
20	R	1-Hexanol, analytical standard, Synonym: Hexyl alcohol	111-27-3		73117 Supelco	1 mL	5 mL
21	R	1-Nonanol, 98%, Synonym: Alcohol C9, Nonyl alcohol	143-08-8		131210 Sigma-Aldrich	100 mL	100 mL
22	R	1-Octacosanol, $\geq$ 99% (GC)	557-61-9		O3379 Sigma-Aldrich	1 g	1 g
23	R	1-Octanol, analytical standard, Synonym: Alcohol C8, Capryl alcohol, Octyl alcohol,	111-87-5		95446 Supelco	1 mL	2 mL
24	R	1-Octanol, analytical standard, Synonym: Alcohol C8, Capryl alcohol, Octyl alcohol,	111-87-5		95446 Supelco	1 mL	1 mL
25	R	1-Octen-3-ol, $\geq$ 98%, FCC, FG, Synonym: Pentyl vinyl carbinol	3391-86-4		W280518 Sigma-Aldrich	sample	sample
26	R	1-Octen-3-one, 96%	4312-99-6		777064 Sigma Aldrich	1g	2 g
27	R	1-Pentanol, puriss. p.a., ACS reagent, $\geq$ 99.0% (GC), Synonym: n-Amyl alcohol, Pentyl alcohol	71-41-0		76929 Sigma-Aldrich	250 ml	250 ml
28	R	1-Penten-3-ol, 99%, Synonym: Ethyl vinyl carbinol	616-25-1		P8602 Sigma-Aldrich	5 g	5 g
29	R	1-Penten-3-one, contains $\sim$ 0.1% BHT as stabilizer, analytical standard, Synonym: Ethyl vinyl ketone	1629-58-9		76723 Supelco	1 mL	2 mL
30	R	1-Propanol, for analysis EMSURE <sup>®</sup> ACS, Reag. Ph Eur, Synonym: n-Propyl alcohol, Propan-1-ol	71-23-8		1.00997 Supelco ali 33538 Honeywell Riedel de Haen	1 L	1 L
31	R	1-Triacontanol, $\geq$ 98% (capillary GC), Synonym: 1-Hydroxytriacontane, Melissyl alcohol	593-50-0		T-3777 Sigma-Aldrich	100 mg	1 g
32	R	1-TRICOSANOL	5.1.3133		T9524 Sigma Aldrich	50 mg	50 mg
33	A	2-(4-hydroxyphenyl)ethanol, (tyrosol), čistost $\geq$ 97%	501-94-0		188255 Sigma Aldrich	5 g	20 g

34	R	2,2,3,3-Tetramethylbutane, ≥94%, Synonym: Hexamethylethane, NSC 62039	594-82-1		540846 Sigma-Aldrich	1 g	1 g
35	A	2,2,4-Trimethylpentane, Assay (GC) min. 99 % Non-volatile matter max. 0.0005 % Water (Karl Fischer) max. 0.01 % Suitability for residue analysis max. 5 ng/L	540-84-1	34499 Honeywell Riedel de Haen		1 L ali 2,5 L	30 L
36	R	2,3,5,6-Tetramethylpyrazine, 98%	1124-11-4		183938 Sigma-Aldrich	25 g	25 g
37	R	2,3,5-Trimethylpyrazine, ≥99%, FCC, FG, Synonym: Potato pyrazine	14667-55-1		W324418 Sigma-Aldrich	sample	sample
38	R	2,3-Butanediol, analytical standard, mixture of racemic and meso forms. Synonym: 2,3-Butylene glycol	513-85-9		42038 Supelco	250 mg	250 mg
39	R	2,3-Butanedione, 97%, Synonym: Biacetyl, Diacetyl	431-03-8		B85307 Sigma-Aldrich	5 mL	5 mL
40	R	2,3-Dimethylpyrazine, 99%	5910-89-4		199400 Sigma-Aldrich	10 g	10 g
41	R	2,5-Dimethylpyrazine, ≥98%, FG	123-32-0		W327204 Sigma-Aldrich	sample	sample
42	R	2,6-Dimethylpyrazine, ≥98%, FG	108-50-9		W327301 Sigma-Aldrich	sample	sample
43	A	2,7-diklorofluorescein, ~90% (TLC), crystalline	76-54-0		D6665 Sigma Aldrich	5 g	10 g
44	R	2-Acetylpyrrole, ReagentPlus®, 99%, Synonym: Methyl 2-pyrrolyl ketone	1072-83-9		247359 Sigma-Aldrich	5 g	5 g
45	R	2-Butanol, for analysis EMSURE®, Synonym: sec-Butyl alcohol	78-92-2		1.09630 Supelco	1 L	1 L
46	R	2-Butanone, analytical standard, Synonym: Ethyl methyl ketone, MEK, Methyl ethyl ketone	78-93-3		02469 Supelco	5 mL	5 mL
47	R	2-Ethyl-1-hexanol, analytical standard, Synonym: Isooctyl alcohol	104-76-7		08607 Supelco	1 mL	1 mL
48	R	2-Heptanol, analytical standard, Synonym: Methyl pentyl carbinol	543-49-7		55587 Supelco	1 mL	2 mL
49		2-heptenal, (E) ali trans 2-heptenal, ≥95%, stabilized, FG, Synonym: (E)-2-Heptenal	18829-55-5		W316504 Sigma Aldrich	200 g	200 g
50	R	2-Hexanol, 99%, Synonym: (±)-2-Hexanol, Butyl methyl carbinol	626-93-7		128570 Sigma-Aldrich	25 g	25 g
51		2-Hexen-1-ol, (E) ali trans-2-hexenol	928-95-0		132667 Sigma-Aldrich	25 g	75 g
52		2-Hexenal, (E) ali trans -2-hexenal, 98%	6728-26-3		132659 Sigma-Aldrich	25 g	75 g
53	A	2-hydroxycinnamic acid, predominantly trans, 97%, Synonym: o-Coumaric acid, trans-2-Hydroxycinnamic acid	614-60-8		H22809 Sigma Aldrich	5 g	10 g
54	R	2-Isobutyl-3-methoxypyrazine, analytical standard	24683-00-9		06224 Supelco	1 mL	1 mL
55	R	2-Isopropyl-3-methoxypyrazine, 97%	25773-40-4		243132 Sigma-Aldrich	1g	1g
56		2-methyl furan (stabilised) for synthesis, molar mass 82.10 g/mol	534-22-5		8.207980250 Sigma Aldrich	250 mL	500 mL
57	R	2-Methyl-1-butanol, analytical standard	137-32-6		52566 Supelco	1 mL	1 mL
58	R	2-Methyl-1-propanol, analytical standard, Synonym: Isobutanol, Isobutyl alcohol,	78-83-1		82059 Supelco	1 mL	1 mL
59	R	2-Methylbutyraldehyde, analytical standard	96-17-3		61904 Supelco	100 mg	100 mg
60	R	2-Methylfuran, analytical standard, Synonym: Silvan	534-22-5		39587 Supelco	1 mL	1 mL
61	R	2-Methylpyrazine, ≥99%	109-08-0		M75608 Sigma-Aldrich	25 g	25 g
62	R	2-Nonanone, ≥99%, Synonym: Heptyl methyl ketone	821-55-6		108731 Sigma-Aldrich	5 g	5 g
63		2-Octanone, ≥99.5%, analytical standard, Synonym: Hexyl methyl ketone	111-13-7		02479 Supelco	1 mL	2 mL
64	R	2-Pentanol, analytical standard, Synonym: (±)-2-Pentanol, sec-Pentyl alcohol, Methyl propyl carbinol	6032-29-7		44759 Supelco	1 mL	1 mL
65	R	2-Pentanone, ≥98%, FCC, FG, Synonym: Methyl propyl ketone	107-87-9		W284203 Sigma-Aldrich	sample	sample
66	A	2-propanol (izopropanol) p.a. ACS reagent, reag. ISO, reag. Ph. Eur., čistost ≥ 99,8%	67-63-0	33539 Honeywell ali 33539-M Sigma Aldrich		1 ali 2,5 L	15 L
67	R	3-(Methylthio)propionaldehyde, 96%, Synonym: 3-(Methylmercapto)propionaldehyde, 3- (Methylthio)propanal, Methional, NSC 15874	3268-49-3		277460 Sigma-Aldrich	5 mL	5 mL
68	R	3,4-Dihydroxybenzoic acid, ≥97.0% (T), Synonym: Protocatechuic acid	99-50-3		37580 Sigma-Aldrich	25 g	25 g
69	R	3,4-Dihydroxyphenylacetic acid, 98%, Synonym: DOPAC, Homoprotocatechuic acid	102-32-9		850217 Sigma-Aldrich	5 g	5 g
70	R	3-ethylphenol, ≥95.0% (GC)	620-17-7		04688 Sigma Aldrich	25 mL	25 mL
71		3-Hexen-1-ol acetate, (Z) ali cis-3-hexenyl acetate	3681-71-8		74597 Supelco	1 mL	4 mL
72		3-Hexen-1-ol, (E) ali trans-3-hexenol, 97%	928-97-2		224715 Sigma-Aldrich	5 g	20 g
73		3-Hexen-1-ol, (Z) ali cis-3-hexenol, 98%	928-96-1		H12900 Sigma-Aldrich	10 g	20 g

74	R	3-Hydroxy-2-butanone, 3-Hydroxy-2-butanone for synthesis. chemical formula (CH <sub>3</sub> CH(OH)COCH <sub>3</sub> ) <sub>2</sub> . Synonym: Acetyl methyl carbinol, Acetoin, Acetyl methyl carbinol, Acetoin	51555-24-9		8.20664 Sigma-Aldrich	100 g	100 g
75	A	3-hydroxytyrosol, čistost ≥98%	10597-60-1		H4291 Sigma Aldrich	25 mg	25 mg
76	R	3-Methoxy-1-butanol, 99%	2517-43-3		M12207 Sigma-Aldrich	1 L	1 L
77	hlapne	3-methyl-1-butanol, analytical standard, Synonym: Isoamyl alcohol, Isopentyl alcohol	123-51-3		77664 Supelco	1 mL	5 mL
78	R	3-Octanol, natural, ≥97%, FCC, FG, Synonym: Ethyl pentyl carbinol	589-98-0		W358126 Sigma-Aldrich	100 g	100 g
79	R	3-Octanone, ≥98%, Synonym: Ethyl amyl ketone, Ethyl pentyl ketone	106-68-3		136913 Sigma-Aldrich	25 g	25 g
80	R	3-Pentanol, 98%, Synonym: sec-inact.-Pentyl alcohol, Diethyl carbinol	584-02-1		P8025 Sigma-Aldrich	25 mL	25 mL
81	R	3-Pentanone, ≥99%, Synonym: Diethyl ketone	96-22-0		W510106 Sigma-Aldrich	sample	sample
82	R	4-Hexen-1-ol, ≥96%, predominantly trans, FG, Synonym: 4-Hexen-1-ol, predominantly trans	928-92-7		W343005 Sigma-Aldrich	sample	sample
83	A	4-hydroxyphenylacetic acid 98 %	156-38-7		H50004 Sigma Aldrich	5 g	10 g
84	R	4-Methoxy-2-methyl-2-butanethiol, analytical standard, Synonym: 2-Mercapto-4-methoxy-2-methylbutane	94087-83-9		41162 Supelco	250 mg	250 mg
85	R	4-Methyl-2-pentanol, 98%, Synonym: 3-MIC, Isobutyl methyl carbinol, MAOH, MIBC,	108-11-2		109916 Sigma-Aldrich	100 mL	100 mL
86	R	4-Methyl-2-pentanone, ≥99%, FCC, Synonym: Isobutyl methyl ketone, Isopropylacetone, MIBK, Methyl isobutyl ketone	108-10-1		W273104 Sigma-Aldrich	sample	sample
87	R	4-tert-Butylcatechol, ≥99.0%	98-29-3		19671 Sigma-Aldrich	100 g	100 g
88	A	5-alfa-cholestan-3-beta-ol, ≥95%	80-97-7	D6128 Sigma Aldrich		10 g	20 g
89	R	5-α-Cholestane, ≥97.0% (HPLC)	481-21-0		C8003 Sigma-Aldrich	100 mg	100 mg
90	R	6-methyl-5-hepten-2-one, analytical standard	110-93-0		67397 Supelco	1 mL	5 mL
91	R	Acetaldehyde-2,4-DNPH, analytical standard, Synonym: Acetaldehyde-2,4-dinitrophenylhydrazone	1019-57-4		442434 Supelco	100 mg	100 mg
92	A	Aceton za HPLC, Assay (GC) min. 99.8 % Non-volatile matter max. 0.0005 % Water (Karl Fischer) max. 0.2 % Suitability for residue analysis max. 5 ng/l	67-64-1		34480 Honeywell Riedel de Haen	1 L ali 2,5 L	15 L
93	A	Acetonitril, čistost: gradient grade	75-05-8	34851 Honeywell Riedel de Haen		2,5 L	40 L
94	R	Alkane standard solution C8-C20, analytical standard, contains C8-C20, ~40 mg/L each, in hexane, EC Number 203-777-6			04070 Supelco	1 mL	5 mL
95	A	Alpha tocopherol, pharmaceutical secondary standard, Certified Reference Material, ali analytical standard	10191-41-0		PHR1031 Supelco	do 500 mg	500 mg
96	R	Ammonium acetate, for HPLC LiChropur®	631-61-8		5.43834 Supelco	250 g	250 g
97	A	Apigenin, analytical standard, Synonym: 4',5,7-Trihydroxyflavone, 5,7-Dihydroxy-2-(4-hydroxyphenyl)-4-benzopyrone	520-36-5		42251 Sigma Aldrich	10 mg	40 mg
98	A	Apigenin-7-O-glucoside, čistost ≥ 95%	578-74-5		44692 Sigma Aldrich	5 mg	10 mg
99	R	Benzaldehyde, analytical standard, Synonym: Bitter almond	100-52-7		09143 Supelco	5 mL	10 mL
100	A	Benzo[b]chrysene 10 µg/mL in Acetonitrile	214-17-5		BCR046 Sigma Aldrich ali DRE-L20550000AL, LGC	10 mL	10 mL
101	R	Benzyl alcohol, for analysis EMSURE®, Synonym: Phenylcarbinol	100-51-6		1.09626 Supelco	1 L	1 L
102	R	beta-Myrcene solution, certified reference material, 2000 µg/mL in hexane, ampule of 1 mL	123-35-3		CRM42262 Supelco	ampule of 1 mL	ampule of 1 mL
103	R	Betulin, ≥98%, Synonym: Betulinic alcohol, Betulinol, Betulol, Lup-20(29)-ene-3β,28-diol, Trochol-3	473-98		B9757 Sigma-Aldrich	1 g	1 g
104	R	Boron trifluoride-methanol solution ~10% (~1.3 M), for GC derivatization, LiChropur™	373-57-9		15716 Supelco	100 mL	100 mL
105	R	Brassicasterol from semisynthetic, Synonym: 5,22-Cholestadien-24β-methyl-3β-ol,	474-67-9		B4936 Sigma-Aldrich	5 mg	5 mg
106	R	Butyl acetate, analytical standard	123-86-4		73285 Supelco	1 mL	1 mL

107	R	Butyl butyrate, 98%	109-21-7		281964 Sigma-Aldrich	250 mL	250 mL
108	R	Butyl formate, ≥97%, FG, Synonym: n-Butyl formate, Butyl menthanoate, Formic acid butyl ester	592-84-7		W219606 Sigma-Aldrich	sample	sample
109		Butyl methanoate ali butyl formate, 97%, Synonym: Formic acid butyl ester,	592-84-7		261521 Sigma Aldrich	250 mL	250 mL
110	R	Butyraldehyde, analytical standard, contains ~0.1% 2,6-di-tert-butyl-4-methylphenol and ~1% water as stabilizer, Synonym: Butanal	123-72-8		94194 Supelco	1 mL	2 mL
111	R	Butyric acid, analytical standard	107-92-6		19215 Supelco	5 mL	5 mL
112	A	CAFFEIC ACID, ≥98.0% (HPLC), Synonym: 3,4-Dihydroxybenzeneacrylic acid, 3,4-Dihydroxycinnamic acid, 3-(3,4-Dihydroxyphenyl)-2-propenoic acid	331-39-5		C0625 Sigma Aldrich	5 g	10 g
113	R	Calcium chloride dihydrate, ACS, Reag. Ph Eur	10035-04-8		1.02382 Supelco	250 g	1 kg
114	R	Campesterol, phyproof® Reference Substance, Synonym: 24α-Methyl-5-cholesten-3β-ol, 24(R)-Ergost-5-en-3β-ol	474-62-4		PHL89514 Supelco	10 mg	10 mg
115	R	Caproic acid, purum, ≥98.0% (GC), Synonym: Acid C6, Hexanoic acid	142-62-1		21530 Sigma Aldrich	100 mL	100 mL
116	R	Chloroform (Trichloromethane) puriss. p.a., Reag. ISO, Reag. Ph. Eur., 99.0-99.4%	67-66-3		32211 Honeywell Riedel de Haen	1 L	5 L
117	R	Chlorophyll a from spinach	479-61-8		C5753 Sigma-Aldrich	5 mg	5 mg
118	A	Cholesterol, Sigma Grade, ≥99%	57-88-5		C8667 Sigma-Aldrich	5 g	10 g
119	R	Cholesteryl stearate, 96%, Synonym: 5-Cholesten-3β-yl octadecanoate	35602-69-8		C79409 Sigma-Aldrich	5 g	5 g
120	R	Cis/trans-Ocimene solution, certified reference material, 2000 µg/mL in methanol, ampule of 1 mL	13877-91-3		CRM40748 Supelco	ampule of 1 mL	ampule of 1 mL
121	R	cis-2-Hexen-1-ol, ≥96%, stabilized, FG, Synonym: (Z)-2-Hexen-1-ol	928-94-9		W392405 Sigma-Aldrich	sample	sample
122	R	cis-2-Penten-1-ol, ≥96%, stabilized, FG	1576-95-0		W430500-SAMPLE-K	sample	sample
123	R	cis-3-Hexen-1-ol, 98%	928-96-1		H12900 Sigma-Aldrich	10 g	10 g
124	R	cis-3-Hexenal solution, 50% in triacetin, stabilized, Synonym: (Z)-3-hexenal solution,	6789-80-6		W256102 Sigma-Aldrich	sample	sample
125	R	cis-3-Hexenyl acetate, analytical standard, Synonym: (3Z)-3-Hexen-1-ol acetate, (3Z)-C-3-Hexenyl acetate, Leaf acetate	3681-71-8		74597 Supelco	1 mL	5 mL
126		CIS-4-hepten-1-al, analytical standard	6728-31-0		00931 Sigma Aldrich	5 mL	10 mL
127	R	cis-4-Heptenal, ≥98%, stabilized, FCC, FG	6728-31-0		W328901 Sigma-Aldrich	sample	sample
128	R	Cyclohexane, puriss. p.a., ACS reagent, ≥99.5% (GC)	110-82-7		33117-M Sigma-Aldrich	1 L	1 L
129	R	Decanal, analytical standard, Synonym: Caprinaldehyde, Decyl aldehyde	112-31-2		59581 Supelco	1 mL	2 mL
130	R	Decane, analytical standard	124-18-5		442669 Supelco	1 g	1 g
131	R	delta-Decalactone, analytical standard, Synonym: δ-Decanolactone, (±)-δ-Pentyl-δ-valerolactone, (±)-5-Decanolide, (±)-6-Pentyltetrahydro-2H-pyran-2-one, 5-Hydroxydecanoic acid δ-lactone	705-86-2		74026 Supelco	100 mg	100 mg
132	R	Dichloromethane, Puriss. p.a., ACS Reagent, Reag. ISO, ≥99.9% (GC), Methylene Chloride, DCM, ACS Reagent, Reag. ISO	75-09-2	32222 Honeywell		2,5 L	10 L
133	A	Diethyl ether for gas chromatography ECD and FID SupraSolv®. chemical formula (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> O.	60-29-7		1.00931 Supelco	1 L	30 L
134	A	Diethyl ether R.G., Puriss. P.A, ACS ISO, brez peroksidov, stabiliziran za analizo,	60-29-7	32203 Honeywell		1 L ali 2,5 L	50 L
135	R	Diethylene glycol monoethyl ether, ReagentPlus®, 99%, Synonym: 2-(2-Ethoxyethoxy)ethanol, CARBITOL™, Diethylene glycol, ethyl ether, Ethyldiglycol	111-90-0		537616 Sigma-Aldrich	1 L	1 L
136	R	Dimethoate, PESTANAL®, analytical standard	60-51-5		45449 Supelco	100 mg	100 mg
137		dimethyl disulfide, ≥99.0%, Synonym: DMDS, Methyl disulfide	624-92-0		471569 Sigma Aldrich	250 mL	250 mL
138		dimethyl sulfide, ≥99%, Synonym: DMS, Methyl sulfide	75-18-3		471577 Sigma Aldrich	25 mL	50 mL
139	R	Dimethyl sulfoxide, Dimethyl sulfoxide for headspace gas chromatography SupraSolv®. CAS 67-68-5, chemical formula (CH <sub>3</sub> ) <sub>2</sub> SO. Synonym: Methanesulfinylmethane, Methyl sulfoxide, Dimethyl(oxido)sulfur, DMSO			1.01900 Supelco	0,5 L	0,5 L
140	R	Dimethyl trisulfide, analytical standard,	3658-80-8		79592 Supelco	10 mg	10 mg

141	R	Dodecane, analytical standard	112-40-3		44010 Supelco	5 mL	5 mL
142	A	Dodecyl arachidate, ≥99%, Synonym: Eicosanoic acid dodecyl ester, Lauryl arachidate	42232-82-6	A8671 Sigma Aldrich		100 mg	200 mg
143	R	Elaidic acid, analytical standard, Synonym: trans-9-Octadecenoic acid, trans-Oleic acid	112-79-8		45089 Supelco	1 g	1 g
144	R	EPA 610-N PAH Kit, analytical standard			47351 Supelco	1	2
145	R	ERYTHRODIOL, analytical standard, Synonym: Olean-12-ene-3β,28-diol	545-48-2		09258 Supelco	10 mg	10 mg
146	A	Etanol 96 % brez trošarine Puriss. p.a., ACS Reagent, Reag. Ph. Eur., 96% (v/v)	64-17-5		32294 Honeywell ali 1.00971 SAFC(Merck)	2,5 ali 5 L	80 L
147	R	Etanol 96% denaturirani, tehnološki				5 L	30 L
148	A	Etanol absolutni brez trošarine, puriss. p.a., absolute, ≥99.8% (GC), plastic bottle	64-17-5		32221 Honeywell	1 L	5 L
149	R	Ethyl 2-methylbutyrate, 99%	7452-79-1		306886 Sigma-Aldrich	5 mL	5 mL
150	A	Ethyl acetate, Puriss. P.a., ACS reagent, Reag. ISO, Reag. Ph. Eur., ≥99%	141-78-6		33211 Honeywell Riedel de Haen	1 L	2 L
151	R	Ethyl butyrate, analytical standard, Synonym: Butyric acid ethyl ester	105-54-4		75563 Supelco	1 mL	2 mL
152	R	Ethyl isobutyrate, analytical standard	97-62-1		19536 Supelco	1 mL	1 mL
153	R	Ethyl isovalerate, 98%	108-64-5		112283 Sigma-Aldrich	100 mL	100 mL
154	R	Ethyl linoleate, ≥99%, Synonym: Linoleic acid ethyl ester	544-35-4		L1751 Sigma-Aldrich	1 g	1 g
155	R	Ethyl oleate, 98%, Synonym: Oleic acid ethyl ester	111-62-6		268011 Sigma-Aldrich	5 g	5 g
156	R	Ethyl palmitate, ≥99%, Synonym: Ethyl hexadecanoate, Palmitic acid ethyl ester,	628-97-7		P9009 Sigma-Aldrich	5 g	5 g
157	R	Ethyl phenylacetate, analytical standard	101-97-3		91224 Supelco	1 mL	1 mL
158	R	Ethyl propionate, analytical standard	105-37-3		96727 Supelco	1 mL	5 mL
159	R	Ethyl stearate, analytical standard, Synonym: Ethyl octadecanoate, Stearic acid ethyl ester	111-61-5		18377 Supelco		
160	R	Ethylene glycol monobutyl ether Ethylene glycol monobutyl ether for synthesis. EC Number 203-905-0, chemical formula C <sub>4</sub> H <sub>9</sub> OCH <sub>2</sub> CH <sub>2</sub> OH. Synonym: 2-Butoxyethanol, Butyl glycol, 2-Butoxyethanol, Butyl glycol	111-76-2		8.01554 Sigma-Aldrich	1 L	1 L
161	R	Ethylpyrazine, 98%	13925-00-3		250384 Sigma-Aldrich	5 g	5 g
162	R	Eucalyptol, 99%, Synonym: 1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane, 1,8-Cineole, 1,8-Epoxy-p-menthane	470-82-6		C80601 Sigma-Aldrich	5 mL	5 mL
163	R	Farnesene, mixture of isomers, stabilized			W383902 Sigma-Aldrich	sample	sample
164	R	FENTHION PESTANAL®, analytical standard, Synonym: O,O'-Dimethyl O''-[3-methyl-4-(methylthio)phenyl] thiophosphate	55-38-9		36552 Supelco	250 mg	250 mg
165	A	Folin & Ciocalteu's phenol reagent 2 M (with respect to acid), MDL number MFCD00132625			47641 Sigma Aldrich	100 mL	100 mL
166	R	Formaldehyde-2,4-DNPH, analytical standard, Synonym: Formaldehyde-2,4-dinitrophenylhydrazone	1081-15-8		442597 Supelco	100 mg	100 mg
167	R	Fucosterol, ≥93%, Synonym: 3β-Hydroxy-5,24(28)-stigmastadiene, 5,24(28)-Stigmastadien-3β-ol	17605-67-3		F5379 Sigma-Aldrich	5 mg	5 mg
168	R	Glyceryl tripalmitate, ≥99% Synonym: Glycerol tripalmitate, TG(16:0/16:0/16:0), Tripalmitin	555-44-2		T5888 Supelco	500 mg	500 mg
169	R	Guaiacol, Pharmaceutical Secondary Standard; Certified Reference Material, Synonym: 2-Methoxyphenol, Catechol, monomethyl ether, Pyrocatechol monomethyl ether	90-05-1		PHR1136 Supelco	1,5 g	1,5 g
170	A	Heksan čistosti za kromatografijo, for HPLC, ≥97.0% (GC)	110-54-3	34859 Honeywell ali 34859-M Sigma Aldrich		1 ali 2,5 L	80 L
171	R	Heksan, ACS Puriss P.A., pH Eur	110-54-3	32293 Honeywell ali 32293-M Sigma Aldrich		1 ali 2,5 L	30 L
172	A	Heptan (purum) čistosti za HPLC	142-82-5	34873 Honeywell ali 34873-M Sigma Aldrich		1 ali 2,5 L	30 L

173	R	Heptanal, ≥95%, FCC, FG, Synonym: 1-Heptanal, Aldehyde C7, Enanthaldehyde, Heptaldehyde, Oenanthaldehyde	111-71-7		W254002 Sigma-Aldrich	sample	sample
174	R	Heptanoic acid, ≥99.0% (GC), Synonym: Enanthic acid, Oenanthic acid	111-14-8		75190 Sigma-Aldrich	100 mL	100 mL
175	R	Hexanal, analytical standard, Synonym: Aldehyde C6, Caproaldehyde, Hexyl aldehyde	66-25-1		18109 Supelco	1 mL	5 mL
176	R	Hexanal-d12, ≥98 atom % D, ≥96% (CP)			732338 Sigma-Aldrich	250 mg	250 mg
177	R	Hexanenitrile, 98%	628-73-9		166650 Sigma-Aldrich	5 g	5 g
178	R	Hexanoic acid, ≥99%, Synonym: Acid C6, Caproic acid	142-62-1		153745 Sigma-Aldrich	2,5 g	5 g
179	R	Hexyl acetate, 99%, Synonym: Capryl acetate	142-92-7		108154 Sigma-Aldrich	25 mL	50 mL
180	A	Hidroksitirozol, 100 mg, Extrasynthese	10597-60-1		Extrasynthese 4999 S	50 mg	100 mg
181	A	Holesta-3,5-dien (min. 93%) HPLC	747-90-0	C6012 Sigma Aldrich		do 25 mg	50 mg
182	A	Hydrochloric acid solution 4 M HCl in H2O	7647-01-0		84435 Honeywell Fluka	1 L	1 L
183	R	Hydroxyacetone, contains ≤500 ppm sodium carbonate as stabilizer, technical grade, 90%, Synonym: 1-Hydroxy-2-propanone, Acetol	116-09-6		138185 Sigma-Aldrich	5 g	5 g
184	R	Isoamyl acetate, natural, ≥97%, FCC, FG, Synonym: Acetic acid 3-methylbutyl ester, Isoamyl acetate, Isopentyl acetate	123-92-2		W205532 Sigma-Aldrich	sample	sample
185	R	Isobutyl butyrate, analytical standard, Synonym: 2-Methylpropyl butanoate, 2-Methylpropyl butyrate, Isobutyl butanoate, NSC 406938	539-90-2		94888 Supelco	1 mL	1 mL
186	R	Isovaleraldehyde, analytical standard, Synonym: 3-Methylbutylaldehyde, 3-Methylbutanal, NSC 404119	590-86-3		61848 Supelco	100 mg	100 mg
187	R	Isovaleric acid, analytical standard, Synonym: 3-Methylbutanoic acid, 3-Methylbutyric acid	503-74-2		78651 Supelco	1 mL	1 mL
188	A	Kalijev hidrogen ftalat, certificiran, certificiran referenčni standard, ≥99,5%	877-24-7		60357 Supelco	do 50 g	100 g
189	A	Kalijev hidroksid: Potassium hidrokside (KOH), Puriss, Ph. Eur, peleti,	1310-58-3		30603 Honeywell	1 kg	5 kg
190	A	Kalijev jodat, certificiran, certificiran referenčni standard, ≥99,5%	7758-05-6		60386 Supelco	do 50 g	100 g
191	A	Kalijev jodid puriss. p.a., reag. ISO, reag. Ph. Eur., ≥99,5%	7681-11-0	30315-M Sigma Aldrich		100 g	500 g
192	A	Kalijev kromat: Potassium chromate, Puriss. P.a., ACS Reagent, Reag. Ph. Eur, ≥99,5%	7789-00-6		31250 Honeywell Fluka	250 g	250 g
193	A	Klorovodikova kislina - HCl (37 %)	7647-01-0		30721 Honeywell ali 30721-M Sigma Aldrich	1 L	2 L
194	R	Lauric aldehyde, analytical standard, Synonym: Aldehyde C12, Dodecanal, Lauraldehyde, Laurinaldehyde	112-54-9		55977 Supelco	1 mL	1 mL
195	R	Lignoceryl alcohol, ≥99% (capillary GC), Synonym: 1-Tetracosanol	506-51-4		L3507 Sigma-Aldrich	250 mg	250 mg
196	R	Linalool, analytical standard, Synonym: (±)-3,7-Dimethyl-1,6-octadien-3-ol, (±)-3,7-Dimethyl-3-hidroxy-1,6-octadiene	78-70-6		51782 Supelco	1 mL	1 mL
197	R	Linalyl formate, FCC	115-99-1		W264202 Sigma-Aldrich	sample	sample
198	A	Linoleic Acid Methyl Ester Mix, cis/trans, certified reference material, 10 mg/mL in dichloromethane		CRM47791 Supelco		ampule po 1 mL	2 mL
199	R	LINOLEIC ACID METHYL ESTER, CIS/TRANS ISOMERS			L8404 Sigma-Aldrich	250 mg	250 mg
200	R	Linoleic acid, analytical standard, Synonym: 9-cis,12-cis-Linoleic acid, cis-9,cis-12-Octadecadienoic acid, Telfairic acid	60-33-3		62230 Supelco	5 mL	5 mL
201	A	Linolenic Acid Methyl Ester Isomer Mix, certified reference material		CRM47792 Supelco		ampule po 1 mL	2 mL
202	R	Lipase from porcine pancreas	9001-62-1		L3126 Sigma Aldrich	25 g	50 g
203	R	Luteolin, ≥98% (TLC), powder, Synonym: 3',4',5,7-Tetrahydroxyflavone	491-70-3		Extrasynthese 1125 S ali L9283 Sigma Aldrich	10 mg	20 mg
204	A	Metanol for gradient elution, za HPLC, ACS, ≥ 99,9%, z manj kot 0,5% vode	67-56-1	34885 Honeywell ali 34885-M Sigma Aldrich		2,5 ali 5 L	100 L
205	A	Metanol za spektroskopijo uvasol, ≥ 99,9% (GC)	67-56-1		106002 SUPELCO	500 mL	500 mL
206	R	Methanesulfonyl chloride, ≥99.7%, Synonym: Mesyl chloride, Methyl sulfonyl chloride	124-63-0		471259 Sigma-Aldrich	100 mL	100 mL
207	R	Methyl acetate, analytical standard	79-20-9		45997 Supelco	1 mL	1 mL

208	R	Methyl benzoate, 99%	93-58-3		M29908 Sigma-Aldrich	25 g	25 g
209	R	Methyl butyrate, analytical standard	623-42-7		19358 Supelco	1 mL	1 mL
210	A	Methyl heptadecanoate, analytical standard, Synonym: Heptadecanoic acid methyl ester, Methyl margarate	1731-92-6		51633 Supelco	1 g	1 g
211	R	Methyl linoleate, analytical standard, Synonym: Linoleic acid methyl ester, Methyl cis,cis-9,12-octadecadienoate	112-63-0		62280 Supelco	5 mL	5 mL
212	R	Methyl octanoate 99%, Synonym: Caprylic acid methyl ester, Methyl caprylate ,	111-11-5		260673 Sigma-Aldrich	25 g	25 g
213	R	Methyl oleate, analytical standard, Synonym: Methyl cis-9-octadecenoate, Oleic acid methyl ester	112-62-9		75160 Supelco	5 ml	5 ml
214	R	Methyl palmitate, analytical standard, Synonym: n-Hexadecanoic acid methyl ester, Methyl hexadecanoate, Palmitic acid methyl ester	112-39-0		76159 Supelco	1g	1g
215	R	Methyl propionate, analytical standard	554-12-1		81988 Supelco	1 mL	1 mL
216	R	Methyl salicylate, analytical standard, Synonym: 2-Hydroxybenzoic acid methyl ester, Methyl 2-hydroxybenzoate, Oil of wintergreen, Wintergreen oil	119-36-8		76631 Supelco	1 mL	1 mL
217	R	Methyl stearate, ~99% (GC), Synonym: Methyl octadecanoate, Stearic acid methyl ester	112-61-8		S5376 Sigma-Aldrich	10 g	10 g
218	R	METHYL TRIDECANOATE, ≥97% (GC), Synonym: Tridecanoic acid methyl ester	1731-88-0		T0627 Sigma-Aldrich	1 g	1 g
219	A	Metil heptadekanoat, čistost ≥99%	1731-92-6	H4515 Sigma Aldrich		do 100 mg	200 mg
220	A	Mravljična kislina: formic acid for mass spectrometry, čistost ≥98%	64-18-6	94318 Honeywell		250 mL	1000 mL
221	R	N,N'-(Methylenediphenylene)bis{4-(2-pyridinyl)-1-piperazinecarboxamide} (derivative of 4,4'-MDIP) certified reference material, 1000 µg/mL in DMSO (as the derivative), EC Number 200-664-3			48147 Supelco	1 ml	1 ml
222	R	N,N-Dimethylformamide, anhydrous, 99.8%, Synonym: DMF, NSC 5356	68-12-2		227056 Sigma-Aldrich	1 L	1 L
223	R	Natrijev hidroksid: Sodium hydroxide (NaOH), puriss. p.a., ACS reagent, reag. Ph. Eur., K ≤0.02%, ≥98%, pellets	1310-73-2		30620 Honeywell	1 kg	10 kg
224	R	Natrijev karbonat: Sodium carbonate anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%, Synonym: Calcined soda, Carbonic acid disodium salt, Soda ash	497-19-8		791768 Sigma Aldrich	500 g	500 g
225	A	Natrijev sulfat, brezvodni, PH Eur, Reag. P.A., ≥99,0%	7757-82-6		31481-M Sigma Aldrich	1 kg	25 kg
226	R	n-Decane, n-Decane for synthesis. EC Number 204-686-4, chemical formula CH <sub>3</sub> (CH <sub>2</sub> ) <sub>8</sub> CH <sub>3</sub> .	124-18-5		8.03405 Sigma-Aldrich	250 ml	250 ml
227	R	N-Methyl-N-trimethylsilylheptafluorobutyramide for GC derivatization, LiChropur™, ≥90% (GC), Synonym: N-Trimethylsilyl-N-methylheptafluorobutyramide, MSHFBA	53296-64-3		69484 Supelco	5 ml	5 ml
228	A	Nonacosane, analytical standard, ≥98%	630-03-5		74156 Supelco	250 mg	500 mg
229	R	Nonanal, analytical standard, Synonym: Aldehyde C9, Nonyl aldehyde, Pelargonaldehyde	124-19-6		442719 Supelco	ampule of 1000 mg	10 ampules of 1000 mg
230	A	Ocetna kislina, (99-100 %, EXTRA PURE)	64-19-7	33209-M Sigma Aldrich		1 ali 2,5 L	25 L
231		Octanal, 99 %, Synonym: Aldehyde C8, Caprylic aldehyde, Octyl aldehyde	124-13-0		O5608 Sigma-Aldrich	25 mL	50 mL
232	R	Octane, analytical standard, Synonym: n-Octane	111-65-9		74820 Supelco	5 mL	5 mL
233	R	o-Cymene, 98%, Synonym: 1-Isopropyl-2-methylbenzene, 2-Isopropyltoluene	527-84-4		255270 Sigma-Aldrich	100 mg	100 mg
234	A	Oleacein, phyproof® Reference Substance	149183-75-5	PHL83881 Supelco		5 mg	10 mg
235	R	Oleic acid, analytical standard, Synonym: cis-9-Octadecenoic acid, Elainic acid	112-80-1		75090 Supelco	5 mL	5 mL
236	A	Oleocanthal, phyproof® Reference Substance	289030-99-5	PHL83882 Supelco		5 mg	10 mg
237	A	Oleuropein, analytical standard, čistost ≥98%	32619-42-4		92167 Sigma Aldrich	10 mg	20 mg
238	R	p-Anisidine, 99%, Synonym: 4-Aminoanisole, 4-Methoxyaniline	104-94-9		A88255 Sigma-Aldrich	100 g	100 g

239	R	Pentanal for synthesis, EC Number 203-784-4, chemical formula $\text{CH}_3(\text{CH}_2)_3\text{CHO}$ , Synonym: Valeraldehyde, Amylaldehide, Valeraldehyde, Amylaldehide	110-62-3		8.08504 Sigma-Aldrich	100 mL	100 mL
240	R	Pentane, reagent grade, 98%	109-66-0		158941-M Sigma-Aldrich	1 L	1 L
241	R	Pentanoic acid, oz. Valeric acid, analytical standard	109-52-4		75054 Supelco	1 mL	5 mL
242	R	Petroleter, puriss. p.a., ACS reagent, reag. ISO, bp $\geq 90\%$ 40-60°C,	101316-46-5		32299-M Sigma Aldrich	1 ali 2,5 L	15 L
243	A	pH - indikatorski papirčki 0 - 14 pH			MN-92111	100 kos/paket	5 pak
244	A	Phenolphthalein, ACS reagent, Synonym: 3,3-Bis(4-hydroxyphenyl)-1(3H)- isobenzofuranone	77-09-8		105945 Sigma Aldrich	do 100 g	100 g
245	R	Phenylethyl Alcohol, Pharmaceutical Secondary Standard; Certified Reference Material, Synonym: $\beta$ -PEA, 2-Phenylethanol, 2-Phenylethyl alcohol, Benzyl carbinol, PEA	60-12-8		PHR1122 Supelco	2 g	2 g
246	R	Phosphoric acid, puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., $\geq 85\%$ , Synonym: Orthophosphoric acid	7664-38-2		30417-M Sigma Aldrich	1 L	1 L
247	R	Propionaldehyde, analytical standard, Synonym: Propanal	123-38-6		64409 Supelco	1 mL	2 mL
248	R	Propionic acid, analytical standard, Synonym: Acid C3, Propanoic acid, Propanyl acid,	79-09-4		94425 Supelco	1 mL	5 mL
249	A	Propionitril, purum, pH Eur	107-12-0	81900 Sigma Aldrich		1 ali 2,5 L	5 L
250	R	Propyl acetate, analytical standard	109-60-4		40858 Supelco	1 mL	1 mL
251	R	Propyl butyrate, 99%, Synonym: n-Propyl-n-butanoate	105-66-8		291838 Sigma-Aldrich	100 mL	100 mL
252	R	Propyl propionate, 99%	106-36-5		112267 Sigma-Aldrich	100 mL	100 mL
253	R	Pyrogallol, ACS reagent, Synonym: 1,2,3-Trihydroxybenzene, 2,3-Dihydroxyphenol, Pyrogallic acid	87-66-1		254002 Sigma-Aldrich	50 g	50 g
254	A	rac- $\beta$ -Tocopherol solution, 50mg/mL in hexane, analytical standard	148-03-8		Supelco 46401-U	ampule of 1 mL	2 ampula
255	R	Rutin hydrate, $\geq 94\%$ (HPLC), powder, Synonym: Quercetin-3-rutinoside hydrate, Vitamin P hydrate	207671-50-9		R5143 Sigma-Aldrich	50 g	50 g
256	A	Silica gel on TLC plates, 20 x 20 cm		AL-Z293024; SIGMA		25 kos/pak	10 pak
257	R	Silica gel with indicator (orange gel), granulate $\sim 1 - 3$ mm			1.01969 Supelco	1 kg	3 kg
258	A	Silika gel, grade 60, 70-230 mesh, for column chromatography	112926-00-8	60741 Supelco		1 kg	5 kg
259		Silver nitrate for analysis ACS,ISO,Reag. Ph Eur	7761-88-8		1.01512 Supelco	25 g	50 g
260	A	Silylating mixture I according to Sweeley (HMDS:TMCS:pyridine = 2:1:10 (v/v/v)) for GC derivatization, LiChropur™, Synonym: Chlorotrimethylsilane – hexamethyldisilazane mixture, HMDS + TMCS, Sylon™ HTP, hexamethyldisilazane/chlorotrimethylsilane/pyridine = 2:1:10 (v/v/v),	318974-69-5	85431Supelco		10 x 1 mL/pak	6 pak
261	R	Sitostanol, $\beta$ -sitostanol, powder, Synonym: stigmastanol; dihydrositosterol; (3 $\beta$ - stigmastan-3-ol; (3 $\beta$ ,5 $\alpha$ )-stigmastan-3-ol	83-45-4		700121P Avanti	5 mg	5 mg
262	R	Sodium acetate trihydrate for analysis EMSURE® ACS,ISO,Reag. Ph Eur	6131-90-4		1.06267 Supelco	1000 g	1000 g
263	R	Sodium cholate hydrate, from bovine and/or ovine bile, $\geq 99\%$ Synonym: 3 $\alpha$ ,7 $\alpha$ ,12 $\alpha$ -Trihydroxy-5 $\beta$ -cholan-24-oic acid sodium salt, Cholalic acid sodium salt	206986-87-0		C1254 Sigma Aldrich	25 g	25 g
264	A	Sodium methylate, čistost $\geq 97\%$	124-41-4	8.06538 Sigma Aldrich		250 g	250 g
265	R	Sodium molybdate dihydrate $\geq 99.5\%$ , Synonym: Molybdic acid sodium salt dihydrate	10102-40-6		M1003 Sigma-Aldrich	100 g	100 g
266	A	Sodium thiosulfate standard solution, Reag. Ph. Eur, solution (volumetric), 0.1 M,	7772-98-7	35245 Honeywell Fluka		1 L	1 L
267	R	Stearyl stearate, $\geq 98.0\%$ (GC), Synonym: Stearic acid stearyl ester	2778-96-3		85775 Sigma-Aldrich	1 g	1 g
268	R	STIGMASTANOL, AldrichCPR	19466-47-8		S462330	5 g	5 g
269	R	Stigmasterol, $\sim 95\%$ , Synonym: 3 $\beta$ -Hydroxy-24-ethyl-5,22-cholestadiene, 5,22- Stigmastadien-3 $\beta$ -ol, Stigmasterin	83-48-7		S2424 Sigma-Aldrich	1 g	1 g



270	R	Styrene, ReagentPlus®, contains 4-tert-butylcatechol as stabilizer, ≥99%, Synonym: Phenylethylene, Vinylbenzene	100-42-5		S4972 Sigma Aldrich	5 mL	5 mL
271	A	Sudan I, dye content ≥95 %, Synonym: 1-Phenylazo-2-naphthol, Solvent Yellow 14	842-07-9		103624 Sigma Aldrich	25 g	25 g
272	A	Supelclean LC-DIOL SPE cevka, 0,5g/3mL			57016 Supelco	54 kos/pak	1 paket
273	A	Supelclean LC-Si SPE Tube 6mL 1g			57051 Supelco	30 kos/pak	5 pak
274	A	Supelco 37 Component FAME Mix, certified reference material, TraceCERT®, in dichloromethane (varied conc.), ampule of 1 mL, EC Number 200-838-9			CRM47885 Supelco	ampule po 1 mL	5 mL
275	A	Syringic acid, čistost ≥95%	530-57-4	S6881 Sigma Aldrich		5 g	10 g
276	A	Škrob, krompirjev, za jodometrijo (Starch soluble GR for analysis ISO). pH 6.0 - 7.5 (20 g/l, H <sub>2</sub> O, 25 °C)	9005-84-9	1.01252 Merck		do 250 g	500 g
277	R	tert-butyl methy ether, čistost ≥99,8%	1634-04-4		34875 Sigma Aldrich	1 L	1 L
278	R	Tetraethylene glycol dimethyl ether, Tetraethylene glycol dimethyl ether for synthesis. EC Number 205-594-7, chemical formula CH <sub>3</sub> O(CH <sub>2</sub> CH <sub>2</sub> O) <sub>4</sub> CH <sub>3</sub> . Synonym: Dimethyl tetraglycol, Bis[2-(2-methoxyethoxy)ethyl]ether, Dimethyl tetraglycol, Bis[2-(2-methoxyethoxy)ethyl]ether	143-24-8		8.20959 Sigma-Aldrich	250 ml	250 ml
279	R	Tetrahidrofuran, inhibitor-free, for HPLC, ≥99.9% Synonym: THF	109-99-9		34865 Sigma Aldrich	1 L	1 L
280	R	Toluene puriss. p.a., ACS reagent, reag. ISO, reag. Ph. Eur., ≥99.7% (GC)	108-88-3		32249-M Sigma Aldrich	1 L	5 L
281		trans, trans-2,4-nonadienal, ≥89%	5910-87-2		W321206 Sigma Aldrich	sample	sample
282	R	trans,trans-2,4-Decadienal, ≥89%, FG, Synonym: (E,E)-2,4-Decadienal	25152-84-5		W313505 Sigma-Aldrich	sample	sample
283	R	trans,trans-2,4-Heptadienal, ≥88%, Synonym: 2,4-Heptadienal	4313-03-5		W316407 Sigma-Aldrich	sample	sample
284	R	trans-2,cis-6-Nonadienal, analytical standard, Synonym: Violet leaf aldehyde	557-48-2		05549 Supelco	100 mg	500 mg
285	R	trans-2-Heptenal, 97%	18829-55-5		324140 Sigma-Aldrich	5 g	10 g
286	R	trans-2-Hexen-1-al, 98%	6728-26-3		132659 Sigma-Aldrich	25 g	25 g
287	R	trans-2-Hexen-1-ol, 96%	928-95-0		132667 Sigma-Aldrich	25 g	25 g
288	R	trans-2-Hexenoic acid, 99%	13419-69-7		193089 Sigma-Aldrich	10 g	10 g
289	R	trans-2-Hexenyl acetate, ≥98%, FCC, FG	2497-18-9		W256404 Sigma-Aldrich	sample	sample
290	R	trans-2-Nonenal, analytical standard	18829-56-6		07592 Supelco	1 mL	2 mL
291	R	trans-2-Octenal, analytical standard	2548-87-0		52464 Supelco	1 mL	2 mL
292	R	trans-2-Octene, 97%	13389-42-9		111236 Sigma-Aldrich	5 g	5 g
293	R	trans-2-Penten-1-ol, 95%	1576-96-1		424447 Sigma-Aldrich	5 mL	5 mL
294	R	trans-2-Pentenal, ≥95%, FG, Synonym: (E)-2-Pentenal, 2-Ethylacrylic aldehyde,	1576-87-0		W321818 Sigma-Aldrich	sample	sample
295	R	trans-2-Undecenal, ≥95%, FG, Synonym: (E)-2-Undecenal	53448-07-0		W342300 Sigma-Aldrich	sample	sample
296	R	trans-3-Hexen-1-ol, 97%, Synonym: trans-3-Hexenol	928-97-2		224715 Sigma-Aldrich	5 g	10 g
297	A	trans-9-Octadecenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 ml, Synonym: Elaidic acid methyl ester, Methyl trans-9-octadecenoate, Methyl elaidate	1937-62-8	CRM46903 Supelco		ampule po 1 mL	1 mL
298	R	trans-Cinnamaldehyde, FCC, FG, Synonym: (E)-Cinnamaldehyde, trans-3-Phenyl-2-propenal, Cinnamic aldehyde	14371-10-9		W228605 Sigma-Aldrich	sample	sample
299	R	Tridecane, analytical standard	629-50-5		91490 Supelco	5 mL	5 mL
300	R	Tris(hydroxymethyl)aminomethane, ACS reagent, ≥99.8%, Synonym: 2-Amino-2-(hydroxymethyl)-1,3-propanediol, THAM, Tris base, Trometamol	77-86-1		252859 Sigma-Aldrich	100 g	100 g
301	R	Undecane ≥ 99 %, Synonym: n-Undecane, Hendecane	1120-21-4		U407 Sigma-Aldrich	25 mL	25 mL
302	R	UVAOL, ≥95%, Synonym: Urs-12-ene-3,28-diol	545-46-0		U6628 Sigma-Aldrich	25 mg	25 mg
303	R	Valencene solution, certified reference material, 2000 µg/mL in methanol, Synonym: Cannabis terpenes, Terpenes			CRM40934 Supelco	1 mL	1 mL
304	A	Verbascoside, čistost ≥99%	61276-17-3		00820580 Sigma Aldrich	10 mg	20 mg
305	A	Voda, CHROMASOLV™ Plus, for HPLC Aqua, Hydrogen Oxide, Hydrogen Hydroxide, Hydrate, Hydric Acid, Dihydrogen Monoxide for HPLC	7732-18-5		34877 Honeywell Riedel de Haen	2,5 L	30 L

306	A	Žveplova (VI) kislina: sulfuric acid, Puriss. P.A., ACS Reagent, Reag. ISO, Reag. Ph. Eur., 95.0-97.0%, ACS Reagent, for determination of Hg, Reag. ISO, Reag. Ph. Eur.	7664-93-9		30743 Honeywell Fluka	1 L	2 L
307	R	$\beta$ -Butyrolactone, 98%, Synonym: $\beta$ -Methyl- $\beta$ -propiolactone, 3-Hydroxybutyric acid $\beta$ -lactone, 4-Methyl-2-oxetanone, beta-Butyrolactone	3068-88-0		219126 Sigma-Aldrich	10 g	10 g
308	R	$\beta$ -Carotene, synthetic, $\geq 93\%$ (UV), powder, Synonym: $\beta, \beta$ -Carotene, Provitamin A	7235-40-7		C9750 Sigma-Aldrich	5 g	5 g
309	R	$\beta$ -SITOSTEROL, synthetic, $\geq 95\%$ , Synonym: $\alpha$ -Dihydrofucosterol, 22,23-Dihydrostigmasterol, 24 $\alpha$ -Ethylcholesterol, 5-Stigmasten-3 $\beta$ -ol, beta-Sitosterol	83-46-5		S1270 Sigma-Aldrich	10 mg	10 mg
310	R	$\gamma$ -Terpinene, 97%, Synonym: 1-Isopropyl-4-methyl-1,4-cyclohexadiene, p-Mentha-1,4-diene, gamma-Terpinene	99-85-4		223190 Sigma-Aldrich	5 mL	5 mL
311	A	$\delta$ -Tocopherol analytical standard, ampule of 100 mg	119-13-1	Supelco 47784		ampule of 100 mg	2 ampuli
312	R	Cholesteryl palmitate, $\geq 98\%$	601-34-3	C6072-1G Sigma-Aldrich		1 g	1 g
313	R	BSTFA (with 1% TMCS), kit of 10 $\times$ 1 mL	25561-30-2	B-023-10X1ML Sigma-Aldrich		1 paket (10 x 1 mL)	1 paket
314	R	Pyridine, ACS reagent, $\geq 99.0\%$	110-86-1	360570 Honeywell		100 mL	100 mL
315	R	Silica gel 60, pore size 60 Å, 0.015–0.04 mm		815650.1 Macherey-Nagel		1 kg	2 kg