

Fatty Acid Methyl Esters - FAME Mixtures

Purity(components): 99+%

Documentation: GC

The FAME Mixtures are designed for general purpose quantitative work, i.e. in determination of GC response factors and quantitation of single Compounds.

The FAME Mixtures contain from 5 to 17 components -
Covering the range from C2:0 to C25:0.

Mixture Me 11

Equal weight %

Delivered 100 mg 90-1011

C 6:0 Methyl Hexanoate
C 7:0 Methyl Heptanoate
C 8:0 Methyl Octanoate
C 9:0 Methyl Nonanoate
C 10:0 Methyl Decanoate

Mixture Me 12

Equal weight %

Delivered 100 mg 90-1012

C 11:0 Methyl Undecanoate
C 12:0 Methyl Dodecanoate
C 13:0 Methyl Tridecanoate
C 14:0 Methyl Tetradecanoate
C 15:0 Methyl Pentadecanoate

Mixture Me 13

Equal weight %

Delivered 100 mg 90-1013

C 16:0 Methyl Hexadecanoate
C 17:0 Methyl Heptadecanoate
C 18:0 Methyl Octadecanoate
C 19:0 Methyl Nonadecanoate
C 20:0 Methyl Eicosanoate

Mixture Me 14

Equal weight %

Delivered 100 mg 90-1014

C 18:0 Methyl Octadecanoate
C 19:0 Methyl Nonadecanoate
C 20:0 Methyl Eicosanoate
C 21:0 Methyl Heneicosanoate
C 22:0 Methyl Docosanoate

Mixture Me 15

Equal weight %

Delivered 100 mg 90-1015

C 8:0 Methyl Octanoate
C 9:0 Methyl Nonanoate
C 10:0 Methyl Decanoate
C 11:0 Methyl Undecanoate
C 12:0 Methyl Dodecanoate

Mixture Me 16

Equal weight %

Deliverer 100 mg 90-1016

C 13:0 Methyl Tridecanoate
C 14:0 Methyl Tetradecanoate
C 15:0 Methyl Pentadecanoate
C 16:0 Methyl Hexadecanoate
C 17:0 Methyl Heptadecanoate

Mixture Me 17

Equal weight %

Deliverer 100 mg 90-1017

C 20:0 Methyl Eicosanoate
C 21:0 Methyl Heneicosanoate
C 22:0 Methyl Docosanoate
C 23:0 Methyl Tricosanoate
C 24:0 Methyl Tetracosanoate

Mixture Me 18

Equal weight %

Deliverer 100 mg 90-1018

C 15:0 Methyl Pentadecanoate
C 16:0 Methyl Hexadecanoate
C 17:0 Methyl Heptadecanoate
C 18:0 Methyl Octadecanoate
C 19:0 Methyl Nonadecanoate

Mixture Me 20

Equal weight %

Deliverer 100 mg 90-1020

C 6:0 Methyl Hexanoate
C 8:0 Methyl Octanoate
C 10:0 Methyl Decanoate
C 12:0 Methyl Dodecanoate
C 14:0 Methyl Tetradecanoate

Mixture Me 21

Equal weight %

Deliverer 100 mg 90-1021

C 8:0 Methyl Octanoate
C 10:0 Methyl Decanoate
C 12:0 Methyl Dodecanoate
C 14:0 Methyl Tetradecanoate
C 16:0 Methyl Hexadecanoate

Mixture Me 23

Equal weight %

Deliverer 100 mg 90-1023

- C 16:0 Methyl Hexadecanoate
- C 18:0 Methyl Octadecanoate
- C 20:0 Methyl Eicosanoate
- C 22:0 Methyl Docosanoate
- C 24:0 Methyl Tetracosanoate

Mixture Me 24

Equal weight %

Deliverer 100 mg 90-1024

- C 12:0 Methyl Dodecanoate
- C 14:0 Methyl Tetradecanoate
- C 16:0 Methyl Hexadecanoate
- C 18:0 Methyl Octadecanoate
- C 20:0 Methyl Eicosanoate

Mixture Me 26

Equal weight %

Deliverer 100 mg 90-1026

- C 13:0 Methyl Tridecanoate
- C 15:0 Methyl Pentadecanoate
- C 17:0 Methyl Heptadecanoate
- C 19:0 Methyl Nonadecanoate
- C 21:0 Methyl Heneicosanoate

Mixture Me 32

Equal weight %

Deliverer 100 mg 90-1032

- C 16:0 Methyl Hexadecanoate
- C 18:0 Methyl Octadecanoate
- C 18:1 Methyl Oleate (9c)
- C 18:2 Methyl Linoleate (9c, 12c)
- C 18:3 Methyl Linolenate (9c, 12c, 15c)

Mixture Me 33

Equal weight %

Deliverer 100 mg 90-1033

- C 16:1 Methyl Palmitoleate (9c)
- C 18:1 Methyl Oleate (9c)
- C 20:1 Methyl 11c-Eicosenoate
- C 22:1 Methyl Erucate (13c)
- C 24:1 Methyl Nervonate (15c)

Mixture Me 34

Equal weight %

Deliverer 100 mg 90-1034

- C 18:0 Methyl Octadecanoate
- C 18:1 Methyl Oleate (9c)
- C 18:2 Methyl Linoleate (9c, 12c)

C 18:3 Methyl Linolenate (9c, 12c, 15c)
C 20:4 Methyl Arachidonate (5c, 8c, 11c, 14c)

Mixture ME 37

Equal weight %

Delivered 100 mg 90-1037

C 16:0 Methyl Hexadecanoate
C 18:0 Methyl Octadecanoate
C 20:0 Methyl Eicosanoate
C 22:0 Methyl Docosanoate

Mixture Me 60

Weight %

Delivered 100 mg 90-1060

C 4:0	Methyl Butyrate	4%
C 6:0	Methyl Hexanoate	3%
C 8:0	Methyl Octanoate	2%
C 10:0	Methyl Decanoate	3%
C 12:0	Methyl Dodecanoate	3%
C 14:0	Methyl Tetradecanoate	12%
C 16:0	Methyl Hexadecanoate	30%
C 18:0	Methyl Octadecanoate	10%
C 18:1	Methyl Oleate (9c)	30%
C 18:2	Methyl Linoleate (9c, 12c)	2%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	1%

Mixture Me 61

Weight %

Delivered 100 mg 90-1061

C 4:0	Methyl Butyrate	4%
C 6:0	Methyl Hexanoate	2%
C 8:0	Methyl Octanoate	1%
C 10:0	Methyl Decanoate	3%
C 12:0	Methyl Dodecanoate	4%
C 14:0	Methyl Tetradecanoate	10%
C 14:1	Methyl Myristoleate (9c)	2%
C 16:0	Methyl Hexadecanoate	25%
C 16:1	Methyl Palmitoleate (9c)	5%
C 18:0	Methyl Octadecanoate	10%
C 18:1	Methyl Oleate (9c)	25%
C 18:2	Methyl Linoleate (9c, 12c)	3%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	4%
C 20:0	Methyl Eicosanoate	2%

Mixture Me 62

Weight %

Delivered 100 mg 90-1062

C 4:0	Methyl Butyrate	7,7%
C 6:0	Methyl Hexanoate	7,7%
C 8:0	Methyl Octanoate	7,7%
C 10:0	Methyl Decanoate	7,7%

C 12:0	Methyl Dodecanoate	7,7%
C 14:0	Methyl Tetradecanoate	7,7%
C 16:0	Methyl Hexadecanoate	7,7%
C 18:0	Methyl Octadecanoate	7,7%
C 18:1	Methyl Oleate (9c)	7,7%
C 18:2	Methyl Linoleate (9c, 12c)	7,7%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	7,7%
C 20:0	Methyl Eicosanoate	7,7%
C 22:0	Methyl Docosanoate	7,7%

Mixture Me 63

Weight %

Delivered 100 mg 90-1063

C 8:0	Methyl Octanoate	2%
C 10:0	Methyl Decanoate	3%
C 12:0	Methyl Dodecanoate	4%
C 14:0	Methyl Tetradecanoate	8%
C 16:0	Methyl Hexadecanoate	10%
C 18:0	Methyl Octadecanoate	7%
C 18:1	Methyl Oleate (9c)	8%
C 18:2	Methyl Linoleate (9c, 12c)	8%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	10%
C 20:0	Methyl Eicosanoate	8%
C 22:0	Methyl Docosanoate	10%
C 22:1	Methyl Erucate (13c)	10%
C 24:0	Methyl Tetracosanoate	12%

Mixture Me 64

Weight %

Delivered 100 mg 90-1064

C 12:0	Methyl Dodecanoate	2%
C 14:0	Methyl Tetradecanoate	2%
C 14:1	Methyl Myristoleate (9c)	1%
C 16:0	Methyl Hexadecanoate	22%
C 16:1	Methyl Palmitoleate (9c)	5%
C 17:0	Methyl Heptadecanoate	10%
C 18:0	Methyl Octadecanoate	10%
C 18:1	Methyl Oleate (9c)	32%
C 18:2	Methyl Linoleate (9c, 12c)	8%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	4%
C 20:4	Methyl Arachidonate (5c, 8c, 11c, 14c)	4%

Mixture Me 71

Weight %

Delivered 100 mg 90-1071

C 16:0	Methyl Hexadecanoate	10%
C 18:0	Methyl Octadecanoate	5%
C 18:1	Methyl Oleate (9c)	30%
C 18:2	Methyl Linoleate (9c, 12c)	50%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	5%

Mixture Me 76

Weight %

Delivered 100 mg 90-1076

C 16:0	Methyl Hexadecanoate	4%
C 18:0	Methyl Octadecanoate	1%
C 18:1	Methyl Oleate (9c)	58%
C 18:2	Methyl Linoleate (9c, 12c)	20%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	10%
C 20:0	Methyl Eicosanoate	1%
C 20:1	Methyl 11c-Eicosenoate	2%
C 22:0	Methyl Docosanoate	1%
C 22:1	Methyl Erucate (13c)	2%
C 24:0	Methyl Tetracosanoate	1%

Mixture Me 81

Weight %

Delivered 100 mg 90-1081

C 14:0	Methyl Tetradecanoate	5%
C 16:0	Methyl Hexadecanoate	10%
C 16:1	Methyl Palmitoleate (9c)	5%
C 18:0	Methyl Octadecanoate	6%
C 18:1	Methyl Oleate (9c)	25%
C 18:2	Methyl Linoleate (9c, 12c)	15%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	17%
C 20:1	Methyl 11c-Eicosenoate	7%
C 20:4	Methyl Arachidonate (5c, 8c, 11c, 14c)	5%
C 22:6	Methyl Docosahexaenoate (4c, 7c, 10c, 13c, 16c, 19c)	5%

Mixture ME 93

Weight %

Delivered 100 mg 90-1093

C 14:1	Methyl Myristoleate (9c)	10%
C 14:1	Methyl Myristelaidate (9tr)	5%
C iso-C15	Methyl 13-methyltetradecanoate	3%
C 15:1	Methyl 10c-Pentadecenoate	2%
C 16:1	Methyl Palmitelaidate (9tr)	9,8%
C iso-C17	Methyl 15-methylhexadecanoate	3%
C 17:1	Methyl 10c-Heptadecenoate	5,2%
C anteiso	Methyl 15-methylheptadecanoate	2%
C 18:1	Methyl Petroselinolate (6c)	4,9%
C 18:1	Methyl Vaccenate (11c)	5,1%
C 18:1	Methyl Transvaccenate (11tr)	10%
C 18:2	Methyl Linoelaidate (9tr, 12tr)	5%
C 18:3	Methyl Gamma Linolenate (6c, 9c, 12c)	2%
C 19:0	Methyl Nonadecanoate	10%
C 20:1	Methyl 11tr-Eicosenoate	3%
C 22:1	Methyl Brassidate (13tr)	10%
C 24:0	Methyl Tetracosanoate	5%
C 26:0	Methyl Hexacosanoate	5%

Mixture ME 94

Weight %

Deliverer 100 mg 90-1094

C 6:0	Methyl Hexanoate	1%
C 7:0	Methyl Heptanoate	0,5%
C 8:0	Methyl Octanoate	50%
C 9:0	Methyl Nonanoate	0,5%
C 10:0	Methyl Decanoate	44,5%
C 11:0	Methyl Undecanoate	0,5%
C 12:0	Methyl Dodecanoate	2%
C 14:0	Methyl Tetradecanoate	0,5%
C 16:0	Methyl Hexadecanoate	0,5%

Mixture Me 100

Weight %

Documer 10 mg 90-1100

C 4:0	Methyl Butyrate	4%
C 6:0	Methyl Hexanoate	4%
C 8:0	Methyl Octanoate	4%
C 10:0	Methyl Decanoate	4%
C 11:0	Methyl Undecanoate	2%
C 12:0	Methyl Dodecanoate	4%
C 13:0	Methyl Tridecanoate	2%
C 14:0	Methyl Tetradecanoate	4%
C 14:1	Methyl Myristoleate (9c)	2%
C 15:0	Methyl Pentadecanoate	2%
C 15:1	Methyl 10c-Pentadecenoate	2%
C 16:0	Methyl Hexadecanoate	6%
C 16:1	Methyl Palmitoleate (9c)	2%
C 17:0	Methyl Heptadecanoate	2%
C 17:1	Methyl 10c-Heptadecenoate	2%
C 18:0	Methyl Octadecanoate	4%
C 18:1	Methyl Oleate (9c)	4%
C 18:1	Methyl Elaidate (9tr)	2%
C 18:2	Methyl Linoleate (9c, 12c)	2%
C 18:2	Methyl Linoelaidate (9tr, 12tr)	2%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	2%
C 18:3	Methyl Gamma Linolenate (6c, 9c, 12c)	2%
C 20:0	Methyl Eicosanoate	4%
C 20:1	Methyl 11c-Eicosenoate	2%
C 20:2	Methyl 11c,14c- Eicosadienoate	2%
C 20:3	Methyl Eicosatrienoate (11c, 14c, 17c)	2%
C 20:3	Methyl 8c, 11c, 14c-Eicosatrienoate	2%
C 20:4	Methyl Arachidonate (5c, 8c, 11c, 14c)	2%
C 20:5	Methyl Eicosapentaenoate (5c, 8c, 11c, 14c, 17c)	2%
C 21:0	Methyl Heneicosanoate	2%
C 22:0	Methyl Docosanoate	4%
C 22:1	Methyl Erucate (13c)	2%
C 22:2	Methyl Docosadienoate (13c, 16c)	2%
C 22:6	Methyl Docosahexaenoate (4c, 7c, 10c, 13c, 16c, 19c)	2%
C 23:0	Methyl Tricosanoate	2%
C 24:0	Methyl Tetracosanoate	4%

C 24:1 Methyl Nervonate (15c) 2%

Mixture ME 202

Weight %

Deliverer: 100 mg 90-1202

C 6:0	Methyl Hexanoate	1%
C 8:0	Methyl Octanoate	65%
C 10:0	Methyl Decanoate	31%
C 12:0	Methyl Dodecanoate	2%
C 14:0	Methyl Tetradecanoate	1%

Mixture ME 249 (European Pharmacopoeia)

Weight %

Deliverer: 100 mg 90-1249

C 6:0	Methyl Hexanoate	10%
C 8:0	Methyl Octanoate	10%
C 10:0	Methyl Decanoate	20%
C 12:0	Methyl Dodecanoate	20%
C 14:0	Methyl Tetradecanoate	40%

Mixture ME 250 (European Pharmacopoeia)

Weight %

Deliverer: 100 mg 90-1250

C 12:0	Methyl Dodecanoate	5%
C 14:0	Methyl Tetradecanoate	5%
C 16:0	Methyl Hexadecanoate	10%
C 18:0	Methyl Octadecanoate	20%
C 18:1	Methyl Oleate (9c)	20%
C 20:0	Methyl Eicosanoate	40%

Mixture ME 251 (European Pharmacopoeia)

Weight %

Deliverer: 100 mg 90-1251

C 14:0	Methyl Tetradecanoate	5%
C 16:0	Methyl Hexadecanoate	10%
C 18:0	Methyl Octadecanoate	15%
C 18:1	Methyl Oleate (9c)	20%
C 20:0	Methyl Eicosanoate	20%
C 20:1	Methyl 11c-Eicosenoate	10%
C 22:0	Methyl Docosanoate	10%
C 24:0	Methyl Tetracosanoate	10%

Mixture ME 275

Weight %

Deliverer: 100 mg 90-1275

C 14:0	Methyl Tetradecanoate	0,5%
C 16:0	Methyl Hexadecanoate	10%
C 16:1	Methyl Palmitoleate (9c)	0,5%
C 18:0	Methyl Octadecanoate	4%
C 18:1	Methyl Oleate (9c)	22%
C 18:2	Methyl Linoleate (9c, 12c)	52%

C 18:3	Methyl Linolenate (9c, 12c, 15c)	8%
C 20:0	Methyl Eicosanoate	1%
C 20:1	Methyl 11c-Eicosenoate	1%
C 22:0	Methyl Docosanoate	1%

Mixture ME 276

Delivered neat. Weight %

Documen 100 mg 90-1276

C 14:0	Methyl Tetradecanoate	0,5%
C 16:0	Methyl Hexadecanoate	9,9%
C 16:1	Methyl Palmitoleate (9c)	0,5%
C 18:0	Methyl Octadecanoate	4,0%
C 18:1	Methyl Oleate (9c)	21,0%
C 18:2	Methyl Linoleate (9c, 12c)	51,6%
C 18:3	Methyl Linolenate (9c, 12c, 15c)	8,0%
C 20:0	Methyl Eicosanoate	1,0%
C 20:1	Methyl 11c-Eicosenoate	1,0%
C 22:0	Methyl Docosanoate	0,5%
C 22:1	Methyl Erucate (13c)	1,0%
C 24:0	Methyl Tetracosanoate	

Mixture ME 277

25mg/ml in methylenechloride

Weight % 1 ml 90-1277

C 24:0	Methyl Tetracosanoate	20%
C 26:0	Methyl Hexacosanoate	20%
C 28:0	Methyl Octacosanoate	20%
C 30:0	Methyl Triacontanoate	20%
C 32:0	Methyl Dotriacontanoate	20%