

Food Standards

Many environmental monitoring laboratories also test regularly for other food-related compounds, hence we have compiled a range of these compounds for your convenience. Products with catalogue numbers beginning with "L" are 10ng/ul solutions, those beginning with "C" are certified, neat. If you are unable to find the compound you require, please telephone, fax or e-mail us with your requirements and we will do our utmost to help.

Even Carbon Straight Chain Fatty Acids and Methyl Esters

| Description | Cat. No. | Fatty Acids | | | Methyl Esters | | |
|--------------------------------------|----------|--------------|-------|----------|---------------|-------|----|
| | | Unit | Price | Cat. No. | Unit | Price | |
| Ethanoic acid (Acetic acid) | C2 | CA10015500 | 5ml | BE | C 10016300 | 5ml | CE |
| Butanoic acid (Butyric acid) | C4 | C 10931750 | 0.25g | BH | C 10931780 | 0.25g | CA |
| Hexanoic acid (Caproic acid) | C6 | C 14196000 | 0.25g | BH | C 14196400 | 1ml | BH |
| Octanoic acid (Caprylic acid) | C8 | C 15711050 | 0.25g | BH | C 15711090 | 1ml | CA |
| Decanoic acid (Capric acid) | C10 | C 12095050 | 0.25g | BH | C 12095090 | 1ml | BH |
| Dodecanoic acid (Lauric acid) | C12 | C 13060400 | 0.25g | CA | C 13060600 | 1ml | CC |
| Tetradecanoic acid (Myristic acid) | C14 | C 17396700 | 0.25g | CA | C 17396770 | 1ml | CA |
| Hexadecanoic acid (Palmitic acid) | C16 | C 14191800 | 0.25g | CA | C 14192100 | 1ml | CC |
| Octadecanoic acid (Stearic acid) | C18 | C 15710120 | 0.25g | CA | C 15710180 | 1g | CC |
| Eicosanoic acid (Arachidic acid) | C20 | C 13112800 | 0.1g | CH | C 13112840 | 0.1g | CH |
| Docosanoic acid (Behenic acid) | C22 | C 13057800 | 0.1g | CH | C 13057840 | 0.5g | CA |
| Tetracosanoic acid (Lignoceric acid) | C24 | C 17396000 | 0.1g | CA | C 17396040 | 0.1g | EH |
| | | L 17396000CY | 10ml | CA | L 17396040CY | 10ml | DA |
| Hexacosanoic acid (Cerotic acid) | C26 | C 14191300 | 20mg | DH | L 14191330MB | 10ml | DF |
| | | L 14191300MB | 10ml | DF | | | |
| Octacosanoic acid (Montanic acid) | C28 | C 15710060 | 50mg | EH | L 15710080ME | 10ml | DF |
| | | L 15710060MB | 10ml | DF | | | |
| Triacosanoic acid (Mellissic acid) | C30 | C 17609100 | 0.1g | HL | L 17609150CY | 10ml | CH |
| | | L 17609100MB | 10ml | CH | | | |

Even Carbon Straight Chain Fatty Acids Ethyl Esters

| Description | Cat. No. | Ethyl Esters | | |
|--------------------------------------|----------|--------------|-------|----|
| | | Unit | Price | |
| Ethanoic acid (Acetic acid) | C2 | C 13319000 | 5ml | BH |
| Butanoic acid (Butyric acid) | C4 | C 10931770 | 0.25g | BH |
| Hexanoic acid (Caproic acid) | C6 | C 14196200 | 0.25g | BH |
| Octanoic acid (Caprylic acid) | C8 | C 15711070 | 0.25g | BH |
| Decanoic acid (Capric acid) | C10 | C 12095070 | 0.25g | BH |
| Dodecanoic acid (Lauric acid) | C12 | C 13060500 | 0.25g | CA |
| Tetradecanoic acid (Myristic acid) | C14 | C 17396730 | 0.25g | CA |
| Hexadecanoic acid (Palmitic acid) | C16 | C 14192000 | 0.1g | CC |
| Octadecanoic acid (Stearic acid) | C18 | C 15710150 | 0.1g | CC |
| Eicosanoic acid (Arachidic acid) | C20 | C 13112820 | 0.1g | DA |
| Docosanoic acid (Behenic acid) | C22 | C 13057820 | 0.1g | DA |
| Tetracosanoic acid (Lignoceric acid) | C24 | C 17396020 | 0.1g | DF |
| Triacosanoic acid (Mellissic acid) | C30 | L 17609130CY | 10ml | CH |

Odd Carbon Straight Chain Fatty Acids and Methyl Esters

| Description | Cat. No. | Fatty Acids | | | Methyl Esters | | |
|---|----------|----------------------------|--------------|----------|----------------------------|--------------|----------|
| | | Unit | Price | Cat. No. | Unit | Price | |
| Methanoic acid (Formic acid) | C1 | C 13913000 | 1ml | CA | C 13913600 | 1ml | CA |
| Propanoic acid (Propionic acid) | C3 | C 16493000 | 1ml | CA | C 16493600 | 1ml | CA |
| Pentanoic acid (Valeric acid) | C5 | C 17899500 | 1ml | CA | C 17899750 | 1ml | CA |
| Heptanoic acid (Heptylic acid) | C7 | C 14126700 | 1ml | BH | C 14126900 | 1ml | BH |
| Nonanoic acid (Pelargonic acid) | C9 | C 15623100 | 1ml | BH | C 15623150 | 1ml | CA |
| Undecanoic acid (Undecyclic acid) | C11 | C 17896400 | 1g | BH | C 17896450 | 1ml | BH |
| Tridecanoic acid (Tridecyclic acid) | C13 | C 17818100 | 0.25g | CA | C 17818150 | 0.1g | CA |
| Pentadecanoic acid (Pentadecyclic acid) | C15 | C 15973740 | 0.1g | CH | C 15973770 | 0.1g | CH |
| Heptadecanoic acid (Margaric acid) | C17 | C 14122600 | 0.1g | CE | C 14122650 L 14122650CY | 0.1g 10ml | CE CE |
| Nonadecanoic acid (Nonadecyclic acid) | C19 | C 15622300 L 15622300CY | 0.1g 10ml | CE CE | C 15622360 L 15622360ME | 0.1g 10ml | CE CE |
| Heneicosanoic acid | C21 | C 14085100 L 14085100CY | 0.1g 10ml | DH DA | C 14085150 L 14085150CY | 0.1g 10ml | EH DA |
| Tricosanoic acid | C23 | C 17805500 L 17805500CY | 0.1g 10ml | FC DA | C 17805550 L 17805550CY | 0.1g 10ml | FC DA |
| Pentacosanoic acid | C25 | C 15973630 L 15973630CY | 0.1g 10ml | HL DC | L 15973660CY | 10ml | DC |
| Heptacosanoic acid | C27 | L 14122400CY | 10ml | DA | L 14122440CY | 10ml | DA |

Odd Carbon Straight Chain Fatty Acids Ethyl and Propyl Esters

| Description | Cat. No. | Ethyl Esters | | | Propyl Esters | | |
|---|----------|--------------|-------|----------|---------------|-------|-------|
| | | Unit | Price | Cat. No. | Unit | Price | |
| Methanoic acid (Formic acid) | C1 | C 13913400 | 0.25g | CA | C 13913800 | 0.25g | 20:00 |
| Propanoic acid (Propionic acid) | C3 | C 16493500 | 0.25g | BH | C 16493700 | 0.25g | BH |
| Pentanoic acid (Valeric acid) | C5 | C 17899700 | 0.25g | BH | | | |
| Heptanoic acid (Heptylic acid) | C7 | C 14126800 | 0.25g | BH | | | |
| Nonanoic acid (Pelargonic acid) | C9 | C 15623130 | 0.25g | BH | | | |
| Undecanoic acid (Undecyclic acid) | C11 | C 17896420 | 0.25g | BH | | | |
| Tridecanoic acid (Tridecyclic acid) | C13 | C 17818130 | 0.1g | CC | | | |
| Pentadecanoic acid (Pentadecyclic acid) | C15 | C 15973760 | 0.1g | CH | | | |
| Heptadecanoic acid (Margaric acid) | C17 | L 14122630MB | 10ml | DA | | | |
| Nonadecanoic acid (Nonadecyclic acid) | C19 | L 15622330MB | 10ml | DA | | | |

Dicarboxylic Fatty Acids and Dimethyl Esters

| Description | Cat. No. | Fatty Acids | | | Dimethyl Esters | | |
|-----------------------------------|----------|-------------|-------|----------|-----------------|-------|----|
| | | Unit | Price | Cat. No. | Unit | Price | |
| Ethanedioic acid (Oxalic acid) | C2 | C 15775000 | 0.25g | CA | C 15775500 | 0.25g | CA |
| Propanedioic acid (Malonic acid) | C3 | C 14731000 | 0.25g | CA | C 14731500 | 0.25g | CA |
| Butanedioic acid (Succinic acid) | C4 | C 16985000 | 0.25g | CA | C 16985500 | 0.25g | CA |
| Pentanedioic acid (Glutaric acid) | C5 | C 14034500 | 0.25g | CA | C 14034900 | 0.25g | CA |
| Hexanedioic acid (Adipic acid) | C6 | C 10045900 | 0.25g | CA | C 10046200 | 0.25g | CA |
| Heptanedioic acid (Pimelic acid) | C7 | C 15977600 | 0.25g | CA | C 15977640 | 0.1g | CC |
| Octanedioic acid (Suberic acid) | C8 | C 14195530 | 0.25g | CA | C 14195570 | 0.25g | CC |
| Nonanedioic acid (Azelaic acid) | C9 | C 14126200 | 0.25g | CA | | | |
| Decanedioic acid (Sebacic acid) | C10 | C 15711010 | 0.25g | CA | C 1571103 | 0.25g | CA |
| Dodecanedioic acid | C12 | C 12095020 | 0.25g | CA | | | |
| Tetradecanedioic acid | C14 | C 13060100 | 0.1g | CC | | | |
| Octadecanedioic acid | C18 | C 15710110 | 0.1g | DF | | | |

Unsaturated Fatty Acids and Methyl Esters - Monoenes

| Description | Cat. No. | Fatty Acids | | | Methyl Esters | | |
|--|---------------------|--------------|-------|----------|---------------|-------|----|
| | | Unit | Price | Cat. No. | Unit | Price | |
| Myristoleic acid | C14 ^{1°} | L 15392000CY | 10ml | DA | L 15392050CY | 10ml | DA |
| Palmitoleic acid | C16 ^{1°} | L 15843200CY | 10ml | DA | | | |
| Palmitelaidic acid | C16 ^{1°} | | | | L 15843000CY | 10ml | DA |
| Oleic acid | C18 ^{1°Z} | C 15727000 | 0.1g | CC | C 15727060 | 0.1g | CH |
| Elaidic acid | C18 ^{1°E} | C 13115000 | 0.1g | CH | C 13115060 | 0.1g | CH |
| cis-11-Octadecenoic acid | C18 ^{1°} | L 15710420CY | 10ml | DC | L 15710460CY | 10ml | DC |
| trans-11-Octadecenoic acid (Vaccenic acid) | C18 ^{1°} | L 15710430CY | 10ml | DC | L 15710470CY | 10ml | DC |
| Ricinoleic acid | C18 ^{1°OH} | | | | L 16814070CY | 10ml | DC |
| Ricinelaidic acid | C18 ^{1°OH} | | | | L 16814020CY | 10ml | DC |
| Petroselinic acid | C18 ^{1°} | L 16001000CY | 10ml | DA | L 16001060CY | 10ml | DA |
| Erucic acid | C22 ^{1°} | L 13203000CY | 10ml | DA | L 13203060ME | 10ml | DA |
| Nervonic acid | C24 ^{1°} | L 15504000CY | 10ml | DA | L 15504040CY | 10ml | DA |

Unsaturated Fatty Acids and Methyl Esters - Dienes

| Description | Cat. No. | Fatty Acids | | | Methyl Esters | | |
|---------------------------|-------------------|--------------|-------|----------|---------------|-------|----|
| | | Unit | Price | Cat. No. | Unit | Price | |
| cis-10-Heptadecenoic acid | C17 | L 14122800ME | 10ml | DA | | | |
| Linoleic acid | C18 ^{2°} | C 14635400 | 0.1g | CC | C 14635450 | 0.1g | CE |
| Linolelaidic acid | C18 ^{2°} | L 14635500ME | 10ml | DA | L 14635550ME | 10ml | DA |
| Linolenic acid | C18 | L 14635600ME | 10ml | FA | L 14635900ME | 10ml | DF |
| 11,14-Eicosadienoic acid | C20 | L 13112500ME | 10ml | DA | L 13112550ME | 10ml | DA |
| cis-8-Eicosenoic acid | C20 | L 13113500ME | 10ml | DA | | | |

Acetic Acids Derivatives

| Description | Cat. No. | Unit | Price |
|---------------------------------|------------|-------|-------|
| Acetic acid | CA10015500 | 5ml | BE |
| Acetic acid-methyl ester | C 10016300 | 5ml | CE |
| Acetic acid-ethyl ester | C 13319000 | 5ml | BH |
| Acetic acid-n-propyl ester | C 10016500 | 0.25g | BH |
| Acetic acid-isopropyl ester | C 10016200 | 0.25g | CA |
| Acetic acid-butyl ester | C 10929000 | 0.25g | CA |
| Acetic acid-sec.-butyl ester | C 10015710 | 0.25g | CA |
| Acetic acid-tert.-butyl ester | C 10015720 | 0.25g | CA |
| Acetic acid-isobutyl ester | C 10015700 | 0.25g | CA |
| Acetic acid-3-methylbutyl ester | C 10016270 | 0.25g | CA |
| Acetic acid-2-pentyl ester | C 10016400 | 0.25g | CA |
| Acetic acid-2-ethoxyethyl ester | C 10016000 | 0.25g | BH |
| Acetic acid-linalyl ester | C 10016230 | 0.25g | CA |
| N-Methylacetamide | C 15083300 | 0.25g | BH |
| N-Ethylacetamide | C 13318500 | 0.25g | BH |
| Acetic acid-dimethylamide | C 10015900 | 0.25g | BH |
| Acetic acid-diethylamide | C 10015800 | 0.25g | BH |

Saturated Fatty Alcohols

| Description | Cat. No. | Unit | Price |
|-------------------------------------|------------------|-------|-------|
| 1-Eicosanol (Arachidyl alcohol) | C20 C 13113000 | 0.1g | CC |
| 1-Heneicosanol | C21 C 14085200 | 0.1g | DF |
| 1-Docosanol (Behenyl alcohol) | C22 C 13058000 | 0.25g | BH |
| 1-Tricosanol | C23 L 17806000MB | 10ml | EF |
| 1-Tetracosanol (Lignoceryl alcohol) | C24 L 17396100MB | 10ml | DC |
| 1-Pentacosanol | C25 L 15973680MB | 10ml | DC |
| 1-Hexacosanol (Cerotyl alcohol) | C26 L 14191400MB | 10ml | DA |
| 1-Heptacosanol | C27 L 14122470MB | 10ml | DH |
| 1-Octacosanol (Montanyl alcohol) | C28 L 15710090MB | 10ml | DA |
| 1-Triacontanol (Melissyl alcohol) | C30 L 17609200MB | 10ml | DA |

Vitamins

| Description | Cat. No. | Unit | Price | Description | Cat. No. | Unit | Price |
|----------------------------|------------|-------|-------|------------------------------|------------|-------|-------|
| 8'-Apoaldehyde | CA10290900 | 50mg | FC | Nicotinic acid benzyl ester | C 15521030 | 0.25g | CA |
| Ascorbic Acid | C 10303000 | 0.25g | BH | Panthenol | C 15844500 | 0.5g | FC |
| Ascorbic acid calcium salt | C 10303100 | 0.25g | CE | Pantothenate calcium salt | CA15845000 | 0.25g | CA |
| Ascorbic acid sodium salt | C 10303900 | 0.25g | CC | Pyridoxine HCl | C 16652000 | 0.25g | CC |
| Ascorbyl palmitate | C 10303930 | 0.25g | CE | Riboflavine | C 16813600 | 0.25g | CC |
| Astaxanthin | CA10307000 | 0.25g | FC | Riboflavine-5-phosphate | C 16813610 | 0.25g | CE |
| D(+)-Biotin | C 10625000 | 0.25g | CC | Thiamine hydrochloride | C 17455000 | 0.25g | CC |
| Canthaxanthin | CA10947000 | 0.15g | EF | Thiamine mononitrate | C 17455500 | 0.25g | CC |
| Beta-Carotene | CA11045800 | 0.25g | DA | Thiothiamine | C 17561000 | 1g | CH |
| Cyanocobalamin | CA11798500 | 50mg | CC | Tretinoin | C 17608000 | 0.25g | CH |
| Dextromethorphan | C 12170500 | 0.25g | CE | Vitamin A acetate | CA17923820 | 0.15g | EH |
| Folic Acid | C 13888000 | 0.25g | CA | Vitamin A palmitate | CA17923840 | 0.15g | EH |
| Lutein | CA14652000 | 50mg | EBA | Vitamin D 3 | CA17924000 | 0.15g | CH |
| Menadione | C 14863000 | 0.25g | CH | Vitamin D3-25 hydroxy | CA17924100 | 50mg | GD |
| Menadione sodium bisulfide | C 14863200 | 0.25g | CH | dl-alpha-Tocopherol (Vit. E) | CA17924300 | 0.5g | CA |
| Nicotinamide | C 15519500 | 0.25g | CA | dl-alpha-Tocopheryl acetate | CA17924320 | 0.5g | CE |
| Nicotinic Acid | C 15521000 | 0.25g | CA | Vitamin K 1 | C 17924400 | 0.25g | CH |

Antioxidants

| Description | Cat. No. | Unit | Price |
|--|------------|-------|-------|
| L(+)-Ascorbic acid | C 10303000 | 0.25g | BH |
| tert.-Butyl-4-hydroxyanisole (mixture of 2- and 3- isomer) | C 10931220 | 0.1g | CA |
| 2,6-Di-tert.-butyl-4-methylphenol | C 12253500 | 0.25g | BH |
| tert.-Butylhydroquinone | C 10931200 | 0.25g | BH |
| Ethoxyquin | CA13310000 | 0.25g | CC |
| Gallic acid-propyl ester | C 13998300 | 0.25g | BH |
| Glycine | C 14037000 | 0.25g | BH |
| D(-)-Isoascorbic acid | C 14379000 | 0.25g | BH |
| 3,3'-Thiodipropionic acid | C 17492000 | 0.25g | BH |
| 3,3'-Thiodipropionic acid didodecyl ester | C 17492300 | 0.25g | BH |
| dl-alpha-Tocopherol (Vitamin E) | CA17924300 | 0.5g | CA |

Essential Oils

| Description | Cat. No. | Unit | Price |
|---------------------------|------------|-------|-------|
| Acetic acid-linalyl ester | C 10016230 | 0.25g | CA |
| trans-Linnamyl alcohol | C 11667500 | 0.25g | CA |
| Linalool | C 14634500 | 0.25g | CA |
| (R)-(+)-Limonene | C 14634100 | 0.25g | CA |
| (S)-(-)-Limonene | C 14634200 | 0.25g | CA |

Antimicrobials

| Description | Cat. No. | Unit | Price |
|--|------------|-------|-------|
| Acetic acid | CA10015500 | 5ml | BE |
| Benzoic acid | C 10537500 | 0.25g | CA |
| Benzoic acid sodium salt | C 10538000 | 0.25g | CE |
| 4-Hydroxybenzoic acid-methylester | C 14229000 | 0.25g | BH |
| 4-Hydroxybenzoic acid-ethylester | C 14228800 | 0.25g | BH |
| 4-Hydroxybenzoic acid-propylester | C 14229200 | 0.25g | BH |
| Octanoic acid (Caprylic acid) | C 15711050 | 0.25g | BH |
| Propionic acid | C 16493000 | 0.25g | CA |
| Propionic acid calcium salt | C 16493100 | 0.25g | BH |
| Propionic acid sodium salt | C 16493300 | 0.25g | BH |
| Sorbic acid | C 16971500 | 0.25g | BH |
| trans,trans-Sorbic acid-potassium salt | C 16972000 | 0.25g | BH |

Sugars, Polysaccharides and Sweeteners

| Description | Cat. No. | Unit | Price | Description | Cat. No. | Unit | Price |
|-----------------------|------------|-------|-------|---------------------------------------|------------|-------|-------|
| D(+)-Xylose | C 17946000 | 0.25g | BH | D-Mannit | C 14752000 | 0.25g | BH |
| D(-)-Ribose | C 16813700 | 0.25g | BH | D-Sorbit | C 16972500 | 0.25g | BH |
| L(+)-Arabinose | C 10297500 | 0.25g | BH | D(+)-Cellobiose | C 11067000 | 0.25g | CC |
| D(-)-Fructose | C 13947500 | 0.25g | BH | alpha-D(+)-Lactose Monohydrate | C 14590800 | 0.25g | BF |
| D(+)-Galactose | C 13996500 | 0.25g | BH | D(+)-Maltose Hydrate | C 14734700 | 0.25g | BH |
| alpha-D(+)-Glucose | C 14027000 | 0.25g | BH | alpha-D(+)-Melibiose Hydrate | C 14862000 | 0.25g | BH |
| D(+)-Mannose | C 14752300 | 0.25g | BH | D(+)-Saccharose | C 16901100 | 0.25g | BH |
| L(+)-Rhamnose Hydrate | C 16813500 | 0.25g | BH | D(+)-Trehalose Dihydrate | C 17607500 | 0.25g | BH |
| L(-)-Sorbitose | C 16972600 | 0.25g | BH | D(+)-Turanose | C 17895500 | 0.25g | CC |
| D(+)-Arabit | C 10297900 | 0.1g | CC | Melezitose Hydrate | C 14861800 | 0.25g | BH |
| L(-)-Arabit | C 10298000 | 0.1g | CC | Maltotriose Hydrate | C 14735000 | 0.1g | CH |
| Xylit | C 17945500 | 0.25g | BH | N-Cyclohexylsulfamic acid sodium salt | C 11830800 | 0.25g | BH |
| Adonit | C 10046500 | 0.1g | CH | Saccharin | C 16901000 | 0.25g | BH |