

-

Tobacco Return

2018 Calendar Year

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| **Calendar Year**  | **2018** |  |  |  |
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| **Total Tobacco product released for sale** |  |  |  |  |
|  |  |  |  |  |
| **Cigarettes** | **Sticks** | **Pieces per Retail pkt** | **RRP per retail pkt** | **Max Weight per Stick** |
| EASY 25S RED X 8 | 358,000 | 25 | $30.00 | .079 g/pc |
| REEF 25S CORAL | 100,626 | 25 | $29.90 | .079 g/pc |
| REEF CORAL 20S X10 | 7,268,200 | 20 | $23.50 | .079 g/pc |
| REEF LAGOON 20S X10 | 1,332,280 | 20 | $23.50 | .079 g/pc |
| REEF MENTHOL 20S X10 | 1,215,080 | 20 | $23.50 | .079 g/pc |
| EASY BLUE 20S X 10 | 948,616 | 20 | $24.00 | .079 g/pc |
| EASY GREEN 20S X10 | 619,660 | 20 | $24.00 | .079 g/pc |
| EASY RED FF 20S X 10 | 7,692,200 | 20 | $24.00 | .079 g/pc |
| MANITOU 20 X 10 GOLD NATURAL CIGARETTES | 118,800 | 20 | $29.90 | .079 g/pc |
| DEAL RED 20s | 600,000 | 20 | $23.30 | .079 g/pc |
| DEAL BLUE 20s | 29,160 | 20 | $23.30 | .079 g/pc |
| DEAL MENTHOL 20s | 29,600 | 20 | $23.30 | .079 g/pc |
| DEAL RED 25s | 49,800 | 25 | $29.00 | .079 g/pc |
|  |  |  |  |  |
| **Cigars** | **Sticks** | **Pieces per Retail pkt** | **RRP per retail pkt** |  |
| HARVEST FILTERED CHERRY 20PK | 194,780 | 20 | $29.90 | 0.7 gm/pc |
| HARVEST FILTERED VANILLA 50PK | 188,780 | 20 | $29.90 | 0.7 gm/pc |
| HARVEST VANILLA CHERRY CIGAR 50PCE | 421,203 | 50 | $125.00 | 0.7 gm/pc |
|  |  |  |  |  |
| **RYO** | **kgs** | **Gms per Retail pkt** | **RRP per retail pkt** |  |
| EASY RYO REGULAR FINE CUT 30GM (YELLOW) | 3,247 | 30 | $49.50 | 30 gm/pc |
| EASY RYO RUM BLEND (MAROON) 30GM | 3,034 | 30 | $49.50 | 30 gm/pc |
| REEF VIRGINIA RED 30G | 1,771 | 30 | $49.50 | 30 gm/pc |
| REEF SHIPWRECK 30G | 564.00 | 30 | $49.50 | 30 gm/pc |
| MANITOU VIRGINIA GOLD 30GM | 858.27 | 30 | $52.00 | 30 gm/pc |
| DEAL RED 30G | 320.00 | 30 | $49.50 | 30 gm/pc |
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| **Manufacturer :** | Heintz Van Landewyck s.à.r.l. |
|  | 31, rue de Hollerich |
|  | L-1741 Luxembourg |
|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Roll Your Own Tobacco |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**Easy Rum Blend (30g)**

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| --- | --- |
| **Tobacco product class :** | **Roll your own tobacco** |

|  |  |
| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **85.00** |
| **WATER** | **20.00** |
| **PROPYLENE GLYCOL [1,2-]** | **4.00** |
| **INVERT SUGAR** | **3.00** |
| **GLYCEROL** | **3.00** |
| **COCOA, COCOA-BUTTER, COCOA SHELL AND COCOA PRODUCTS** | **1.00** |
| **BENZOIC ACID** | **1.00** |
| **CELLULOSE FIBER** | **3.00** |
| **CALCIUM CARBONATE** | **3.00** |
| **HONEY** | **0.50** |
| **CITRIC ACID** | **0.50** |
| **LICORICE** | **0.50** |
| **FLAVOURS** | **< 0.1** |

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|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Roll Your Own Tobacco |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**Easy Fine Cut Regular (30g)**

|  |  |
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| **Tobacco product class :** | **Roll your own tobacco** |

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| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **85.00** |
| **WATER** | **20.00** |
| **PROPYLENE GLYCOL [1,2-]** | **4.00** |
| **INVERT SUGAR** | **3.00** |
| **GLYCEROL** | **3.00** |
| **CELLULOSE FIBER** | **3.00** |
| **CALCIUM CARBONATE** | **3.00** |
| **COCOA, COCOA-BUTTER, COCOA SHELL AND COCOA PRODUCTS** | **1.00** |
| **BENZOIC ACID** | **1.00** |
| **HONEY** | **0.50** |
| **CITRIC ACID** | **0.50** |
| **LICORICE** | **0.50** |
| **FLAVOURS** | **< 0.1** |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Roll Your Own Tobacco |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF CORAL (30g)**

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| --- | --- |
| **Tobacco product class :** | **Roll your own tobacco** |

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| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **85.00** |
| **WATER** | **20.00** |
| **PROPYLENE GLYCOL [1,2-]** | **4.00** |
| **INVERT SUGAR** | **3.00** |
| **GLYCEROL** | **3.00** |
| **CELLULOSE FIBER** | **3.00** |
| **CALCIUM CARBONATE** | **3.00** |
| **COCOA, COCOA-BUTTER, COCOA SHELL AND COCOA PRODUCTS** | **1.00** |
| **BENZOIC ACID** | **1.00** |
| **HONEY** | **0.50** |
| **CITRIC ACID** | **0.50** |
| **LICORICE** | **0.50** |
| **FLAVOURS** | **< 0.1** |

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|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Roll Your Own Tobacco |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF Shipwerck (30g)**

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| --- | --- |
| **Tobacco product class :** | **Roll your own tobacco** |

|  |  |
| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **85.00** |
| **WATER** | **20.00** |
| **PROPYLENE GLYCOL [1,2-]** | **4.00** |
| **INVERT SUGAR** | **3.00** |
| **GLYCEROL** | **3.00** |
| **COCOA, COCOA-BUTTER, COCOA SHELL AND COCOA PRODUCTS** | **1.00** |
| **BENZOIC ACID** | **1.00** |
| **CELLULOSE FIBER** | **3.00** |
| **CALCIUM CARBONATE** | **3.00** |
| **HONEY** | **0.50** |
| **CITRIC ACID** | **0.50** |
| **LICORICE** | **0.50** |
| **FLAVOURS** | **< 0.1** |

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|  | Luxembourg |

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| --- | --- |
| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF CORAL HARD PACK 20's**

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| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

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| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**EASY RED HARD PACK 25's**

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| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

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| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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|  | Luxembourg |

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| --- | --- |
| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**EASY RED HARD PACK 20's**

|  |  |
| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

|  |  |
| --- | --- |
| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**EASY BLUE HARD PACK 20's**

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| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

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| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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| **Manufacturer :** | Heintz Van Landewyck s.à.r.l. |
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|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF LAGOON HARD PACK 20's**

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| **Tobacco product class :** | **Cigarettes** |

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| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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| **Manufacturer :** | Heintz Van Landewyck s.à.r.l. |
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|  | L-1741 Luxembourg |
|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF MENTHOL HARD PACK 20's**

|  |  |
| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

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| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

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| **Manufacturer :** | Heintz Van Landewyck s.à.r.l. |
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|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand**

**REEF CORAL HARD PACK 25's**

|  |  |
| --- | --- |
| **Tobacco product class :** | **Cigarettes** |

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| **INGREDIENTS** | **Max. use level (%)** |
| **TOBACCO** | **80.00** |
| **NON TOBACCO MATERIALS** | **25.00** |
| **WATER** | **6.00** |
| **GLYCEROL** | **2.00** |
| **PROPYLENE GLYCOL [1,2-]** | **2.00** |
| **INVERT SUGAR** | **2.00** |
| **CELLULOSE FIBER** | **1.00** |
| **CALCIUM CARBONATE** | **1.00** |
| **FLAVOURS** | **< 0.1** |

**Tobacco Return Schedule A**

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| --- | --- |
| **Manufacturer :** | Heintz Van Landewyck s.à.r.l. |
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|  | Luxembourg |

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| **Calendar Year :** | 2018 |

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| **Tobacco product classes :** | Cigarettes |
|  | Roll Your Own Tobacco |

**Composite List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand (2018)**

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| --- | --- | --- | --- |
| **NAME** | **Function** | **Quantity not exceeded [%]** | **CAS N°** |
| CELLULOSE DIACETATE | FILTRATION MATERIAL | 20.0 | 9004-35-7 |
| WATER, PURIFIED, AND/OR DISTILLEDAND/OR DEIONIZED AND/OR MINERAL | PROCESSING AID | 20.0 | 7732-18-5 |
| CELLULOSE FIBER | FIBER | 5.0 | 65996-61-4 |
| PROPYLENE GLYCOL [1,2-] | HUMECTANT | 4.0 | 57-55-6 |
| CELLULOSE | FILLER | 4.0 | 65996-61-4 |
| CALCIUM CARBONATE | FILLER | 3.0 | 471-34-1 |
| INVERT SUGAR | HUMECTANT | 3.0 | 8013-17-0 |
| GLYCEROL | HUMECTANT | 3.0 | 56-81-5 |
| TRIACETIN | PLASTICISER | 2.0 | 102-76-1 |
| ETHYLENE, VINYL ACETATE CO-POLYMER | ADHESIVE | 2.0 | 24937-78-8 |
| CALCIUM CARBONATE | TIPPING PAPER AND TIPPINGPAPER INKS (UNBURNT) | 2.0 | 471-34-1 |
| COCOA, COCOA-BUTTER, COCOA SHELL AND COCOA PRODUCTS | FLAVOURING | 1.0 | 68916-17-695009-22-68002-31-184649-99-084649-99-3 |
| FILTRATION MATERIALS <0.1% | FILTRATION MATERIAL | 1.0 | - |
| BENZOIC ACID AND/OR ITS SODIUM SALT | PRESERVATIVE | 1.0 | 65-85-0532-32-1 |
| POLYVINYL ALCOHOL | FIBER | 1.0 | 25213-24-5 |
| FLAVOURS <0.1% | FLAVOURING | 0.4 | - |
| IRON OXIDE BLACK (Fe3O4) E172 IRON OXIDE RED (Fe2O3) E172 IRON OXIDEYELLOW (FeO) E172 | TIPPING PAPER AND TIPPING PAPER INKS (UNBURNT) | 0.5 | 1317-61-91309-37-120344-49-4 |
| HONEY AND/OR HONEYDEW (MELON)FLAVOUR AND/OR ABSOLUTE | FLAVOURING | 0.5 | 8028-66-8 |
| PROCESSING AIDS | TIPPING PAPER AND TIPPINGPAPER INKS (UNBURNT) | 0.5 | - |
| PARAFFINIC WHITE MINERAL OIL | PROCESSING AID | 0.5 | 8042-47-5 |
| TITANIUM DIOXIDE | FILLER | 0.5 | 13463-67-7 |
| HYDROCARBON WAXES (PETROLEUM),HYDROTREATED MICROCRYST. | BINDER | 0.5 | 63231-60-7 |
| PROCESSING AIDS <0.1% | PROCESSING AID | 0.5 | - |
| CITRATE, SODIUM OR POTASSIUM | COMBUSTION MODIFIER | 0.5 | 6132-04-368-04-26100-05-6994-36-5866-84-2 |
| POLYVINYL ALCOHOL | BINDER | 0.5 | 9002-89-5 |
| STARCH, [MODIFIED] | BINDER | 0.5 | 9063-45-09005-25-8125109-81-1 |
| ADHESIVES PROCESSING AIDS <0.1% | PROCESSING AID | 0.5 | - |
| PROCESSING AIDS <0.1% | FILTER OVERWRAPPROCESSING AIDS | 0.5 | - |
| CITRIC ACID | PRESERVATIVE | 0.2 | 77-92-9 |
| LICORICE | FLAVOURING | 0.1 | 68916-91-6 |
| INKS | INKS USED ON CIGARETTEPAPERS | 0.1 | - |

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##### SMOKE FREE ENVIRONMENT REGULATION 1999 SCHEDULE 6

*Manufacturer or importer: Heintz Van Landewyck s.à.r.l.*

*Laboratory: Landewyck Tobacco s.a., ISO 17025 accredited*

*Calendar year: 2018*

*Product: Cigarettes*

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| **Brand and brand variant** | **Tar** | **Nicotine** | **CO** |
| **Reef Coral 20s** | **9.5** | **0.68** | **9.0** |
|  | **Tar** | **Nicotine** | **CO** |

#### Mean CI\* Mean CI\* Mean CI\*

**0.27 0.03 0.35**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tar** | **Nicotine** | **CO** |
| **Easy Red 20s** | **9.4****Tar** | **0.67****Nicotine** | **9.0****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.26 0.03 0.40**

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|  | **Tar** | **Nicotine** | **CO** |
| **Easy Red 25s** | **9.5****Tar** | **0.68****Nicotine** | **8.9****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.20 0.04 0.34**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tar** | **Nicotine** | **CO** |
| **Easy Blue 20s** | **7.3****Tar** | **0.52****Nicotine** | **9.2****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.30 0.02 0.39**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tar** | **Nicotine** | **CO** |
| **Reef Lagoon 20s** | **7.4****Tar** | **0.53****Nicotine** | **9.1****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.27 0.02 0.39**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tar** | **Nicotine** | **CO** |
| **Reef Menthol 20s** | **10.0****Tar** | **0.68****Nicotine** | **9.5****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.32 0.02 0.27**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Tar** | **Nicotine** | **CO** |
| **Reef Coral 25s** | **9.7****Tar** | **0.68****Nicotine** | **9.2****CO** |

**Mean CI\* Mean CI\* Mean CI\***

**0.17 0.03 0.27**

*\*CI = 95% confidence interval*

### I certify that the report correctly records the results of all tests carried out at the laboratory of Landewyck Tobacco s.a., Luxembourg by or on behalf of *Heintz Van Landewyck s.à r.l.* during the year 2018 for the purposes of section 33 of the Smokefree Environments Act 1990.

Dated at Luxembourg this 17th of January 2019.



*Dr. Marc Scharfe Laboratory Manager Landewyck Tobacco s.a.*

*Manufacturer or importer: Heintz Van Landewyck s.à.r.l.*

*Calendar year: 2018*

*Tobacco Product Class: Roll Your Own Tobacco*

This Return has been made in respect of all products sold by *Heintz Van Landewyck s.à.r.l.* in this product class in New Zealand.

1. Tobacco Weight by Product Class (including additives and Moisture ) : per 1000 kg Roll Your Own Tobacco Product = 740 kg tobacco
2. Weight of Additives in Total by Product Class (excluding water) : per 1000 kg tobacco, 80.10 kg additives are used (i.e. 8.01 %)
3. List of additives and quantities not exceeded for each brand and brand variant in this return : see attached Schedule A.
4. By-brand information : see attached Schedule B

I, Dr. Marc Scharfe (Laboratory Manager), hereby certify that the information contained in and annexed to this Return is correct for the purposes of the Smokefree Environments Act 1990.

This information is provided in confidence and may not be communicated to others.

Dated at Luxembourg this 17th of January 2019



*Dr. Marc Scharfe Laboratory Manager*

*Analytical Services Laboratory Landewyck Tobacco s.a.*

*Manufacturer or importer: Heintz Van Landewyck s.à.r.l.*

*Calendar year: 2018*

*Tobacco Product Class: Cigarettes*

This Return has been made in respect of all products sold by *Heintz Van Landewyck s.à.r.l.* in this product class in New Zealand.

1. Tobacco Weight by Product Class (including additives and Moisture ) : per 1000 cigarettes = 0.720 kg tobacco
2. Weight of Additives in Total by Product Class (excluding water) : per 1000 kg tobacco, 43.70 kg additives are used (i.e. 4.37%)
3. List of additives and quantities not exceeded for each brand and brand variant in this return : see attached Schedule A.
4. By-brand information : see attached Schedule B

I, Dr. Marc Scharfe (Laboratory Manager), hereby certify that the information contained in and annexed to this Return is correct for the purposes of the Smokefree Environments Act 1990.

This information is provided in confidence and may not be communicated to others.

Dated at Luxembourg this 17th of January 2019



*Dr. Marc Scharfe Laboratory Manager*

*Analytical Services Laboratory Landewyck Tobacco s.a.*



Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Roll Your Own Tobacco

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Manitou Organic (30 g pouch)

|  |  |
| --- | --- |
| Ingredients | QNE\* (%) |
| Tobacco | 100,00 |
| Water (in tobacco) | 15,00 |

\*QNE - Quantity not exceeded





Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Roll Your Own Tobacco

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Deal Full Red {30 g pouch)

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| Tobacco | 95,50 |
| Water (in tobacco) | 19,50 |
| propylene glycol | 4,00 |
| potassium sorbate | 0,25 |
| acetic acid | 0,24 |
| cocoa extract (alcoholic) | 0,0014 |
| sugar syrup inverted | 0,0006 |
| flavourings | 0,0006 |

\*QNE - Quantity not exceeded





Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Filter Mini Cigar

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Harvest French Mini Cigars

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| Tobacco | 74,2 |
| Non Tobacco Materials | 25,8 |
| Water (in tobacco) | 12,50 |
| Ethylene vinylacetate copolymer | 0,809 |
| potassium sorbate | 0,018 |
| polyvinyl alcohol | 0,018 |
| Ethylene vinylacetate copolymer | 0,063 |
| styrene-methylstyrene resin | 0,025 |
| paraffin wax | 0,024 |
| flavourings | 2,892 |
| polyvinyl alcohol | 0,002 |
| butylated hydroxytoluene (BHT) | 0,0002 |
| beech wood pulp (cellulose) | 1,71 |
| calcium carbonate | 0,31 |
| Na-carboxymethylcellulose | 0,02 |
| guar gum | 0,01 |
| galactomannan | 0,002 |
| corn starch | 0,002 |
| cellulose diacetate | 13,28 |
| triacetin | 1,46 |
| water | 0,86 |
| paraffinic white oil | 0,09 |
| titanium dioxide | 0,06 |
| sorbitan monolaurate | 0,02 |
| polyoxyethylene sorbitan monolaurate | 0,02 |
| Ethylene vinylacetate copolymer | 0,04 |
| polyvinyl alcohol | 0,004 |
| pulp, cellulose | 2,24 |
| propylene glycol | 1,68 |
| calcium carbonate | 0,98 |

\*QNE - Quantity not exceeded

# Tobacco Return Schedule B

Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Filter Mini Cigar

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Harvest Cherise Mini Cigars

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| Tobacco | 74,20 |
| Non Tobacco Materials | 25,80 |
| Water (in tobacco) | 12,50 |
| Ethylene vinylacetate copolymer | 0,81 |
| potassium sorbate | 0,02 |
| polyvinyl alcohol | 0,02 |
| Ethylene vinylacetate copolymer | 0,06 |
| styrene-methylstyrene resin | 0,02 |
| paraffin wax | 0,02 |
| flavourings | 2,31 |
| polyvinyl alcohol | 0,002 |
| butylated hydroxytoluene (BHT) | 0,0002 |
| beech wood pulp (cellulose) | 1,71 |
| calcium carbonate | 0,31 |
| Na-carboxymethylcellulose | 0,02 |
| guar gum | 0,01 |
| galactomannan | 0,002 |
| corn starch | 0,002 |
| cellulose diacetate | 13,28 |
| triacetin | 1,46 |
| water | 0,86 |
| paraffinic white oil | 0,09 |
| titanium dioxide | 0,06 |
| sorbitan monolaurate | 0,02 |
| polyoxyethylene sorbitan monolaurate | 0,02 |
| Ethylene vinylacetate copolymer | 0,04 |
| polyvinyl alcohol | 0,004 |
| pulp, cellulose | 2,24 |
| propylene glycol | 1,68 |
| calcium carbonate | 0,98 |

\*QNE - Quantity not exceeded

## Tobacco Return Schedule B

Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Filter Cigarette

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Deal Full Red {20 and 25 cig. per pack)

Deal Original Blue {20 cig. per pack)

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| Tobacco | 76,40 |
| Water (in tobacco) | 12,50 |
| Ethylene vinylacetate copolymer | 1,01 |
| potassium sorbate | 0,02 |
| polyvinyl alcohol | 0,02 |
| pulp, cellulose | 1,69 |
| calcium carbonate | 0,55 |
| titanium dioxide | 0,14 |
| starch, oxidised | 0,09 |
| silicic acid, aluminum magnesium sodium salt | 0,08 |
| talc | 0,05 |
| iron oxide yellow | 0,02 |
| collodion | 0,02 |
| acetyl-tributyl-citrate | 0,02 |
| chlorite-group minerals (E 553b) = talcum | 0,01 |
| styrene acrylates copolymer | 0,01 |
| oxetanone | 0,01 |
| COPPER (in Bronze powder=COPPER 85% | 0,01 |
| starch, modified | 0,01 |

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Deal Full Red (20 and 25 cig. per pack) Schedule B

Deal Original Blue (20 cig. per pack)

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| sulfuric acid sodium salt | 0,00 |
| silicon dioxide | 0,00 |
| iron oxide red | 0,00 |
| iron oxide black | 0,00 |
| ethyl cellulose | 0,001 |
| Ethylene vinylacetate copolymer | 0,06 |
| styrene-methylstyrene resin | 0,02 |
| paraffin wax | 0,02 |
| water | 0,02 |
| polyvinyl alcohol | 0,003 |
| butylated hydroxytoluene (BHT) | 0,0002 |
| beech wood pulp (cellulose) | 1,50 |
| calcium carbonate | 0,27 |
| Na-carboxymethylcellulose | 0,02 |
| guar gum | 0,005 |
| galactomannan | 0,002 |
| corn starch | 0,002 |
| triacetin | 1,05 |
| alkyd resin | 0,0007 |
| FD & C Blue 1 | 0,0001 |
| FD & C Red 40 | 0,0001 |
| paraffinic white oil | 0,0001 |
| Silica, amorphous | 0,0001 |
| calcium carbonate | 0,0001 |
| Yellow 100 | 0,00002 |
| C.I. pigment yellow 104 | 0,00001 |
| Ethylene vinylacetate copolymer | 0,10 |
| polyvinyl alcohol | 0,01 |
| pulp, cellulose | 3,10 |
| calcium carbonate | 1,47 |
| starch, oxidised | 0,19 |
| tripotassium citrate | 0,10 |
| guar gum | 0,01 |
| Na-carboxymethylcellulose | 0,01 |
| starch, modified | 0,005 |
| galactomannan | 0,005 |
| glycerol | 1,99 |
| sugar syrup inverted | 0,46 |
| Na-carboxymethylcellulose | 0,46 |
| beech wood pulp (cellulose) | 0,46 |
| propylene glycol | 0,19 |

\*QNE - Quantity not exceeded

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## Tobacco Return Schedule B

Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product class: Filter Cigarette

By-Brand List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

Deal Menthol {20 cig. per pack)

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| Tobacco | 76,40 |
| Water (in tobacco) | 12,50 |
| Ethylene vinylacetate copolymer | 1,01 |
| potassium sorbate | 0,02 |
| polyvinyl alcohol | 0,02 |
| pulp, cellulose | 1,69 |
| calcium carbonate | 0,55 |
| titanium dioxide | 0,14 |
| starch, oxidised | 0,09 |
| silicic acid, aluminum magnesium sodium | 0,08 |
| talc | 0,05 |
| iron oxide yellow | 0,02 |
| collodion | 0,02 |
| acetyl-tributyl-citrate | 0,02 |
| chlorite-group minerals (E 553b) = talcum | 0,01 |
| styrene acrylates copolymer | 0,01 |
| oxetanone | 0,01 |
| COPPER (in Bronze powder=COPPER 85 | % 0,01 |
| starch, modified | 0,01 |

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Deal Menthol (20 cig. per pack) Schedule B

|  |  |
| --- | --- |
| Ingredients | QNE\* {%) |
| sulfuric acid sodium salt | 0,00 |
| silicon dioxide | 0,00 |
| iron oxide red | 0,00 |
| iron oxide black | 0,00 |
| ethyl cellulose | 0,00 |
| Ethylene vinylacetate copolymer | 0,11 |
| synthetic hydrocarbon resin | 0,03 |
| paraffin wax | 0,01 |
| corn starch | 0,01 |
| polyvinyl alcohol | 0,01 |
| butylated hydroxytoluene (BHT) | 0,0002 |
| beech wood pulp (cellulose) | 1,44 |
| calcium carbonate | 0,24 |
| polyvinylalcohol | 0,02 |
| aluminum sulfate hexahydrate | 0,00 |
| cellulose diacetate | 11,18 |
| triacetin | 0,89 |
| menthol | 0,52 |
| propylene glycol | 0,17 |
| paraffinic white oil | 0,12 |
| acetone | 0,06 |
| titanium dioxide | 0,05 |
| alkyd resin | 0,0007 |
| FD & C Blue 1 | 0,0001 |
| FD & C Red 40 | 0,0001 |
| paraffinic white oil | 0,0001 |
| Silica, amorphous | 0,0001 |
| calcium carbonate | 0,0001 |
| Yellow 100 | 0,00002 |
| C.I. pigment yellow 104 | 0,00001 |
| Ethylene vinylacetate copolymer | 0,10 |
| polyvinyl alcohol | 0,01 |
| pulp, cellulose | 3,10 |
| calcium carbonate | 1,47 |
| starch, oxidised | 0,19 |
| tripotassium citrate | 0,10 |
| guar gum | 0,01 |
| Na-carboxymethylcellulose | 0,01 |
| starch, modified | 0,005 |
| galactomannan | 0,005 |
| glycerol | 1,99 |
| sugar syrup inverted | 0,46 |
| Na-carboxymethylcellulose | 0,46 |
| beech wood pulp (cellulose) | 0,46 |
| propylene glycol | 0,19 |

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Tobacco Return Schedule A

Manufacturer: Joh. Wilh. Von Eicken GmbH 3rd January 2019

DrechslerstraBe 1-3

23556 Lubeck Germany

Calendar Year: 2018

Tobacco product classes: Filter Mini Cigar Filter Cigarette

Roll Your own Tobacco page 1/5

Composite List of Ingredients Added to Joh. Wilh. Von Eicken Tobacco Products in New Zealand

|  |  |  |  |
| --- | --- | --- | --- |
| Ingredients | Function | QNE\* (%) | CAS-No |
| water | Solvent - Processing Aid | 19,5 | 7732-18-5 |
| cellulose diacetate | Filtration Material | 13,3 | 9004-35-7 |
| propylene glycol | Solvent - Processing Aid | 4,0 | 57-55-6 |
| pulp, cellulose | Fibre | 3,1 | 65996-61-4 |
| glycerol | Humectant, Solvent - Processing Aid | 2,0 | 56-81-5 |
| beech wood pulp (cellulose) | Filler | 1,71 | 9004-34-6 |
| calcium carbonate | Filler | 1,47 | 471-34-1 |
| triacetin | Solvent - Processing Aid | 1,46 | 102-76-1 |
| Ethylene vinylacetate copolymer | Sizing Agent | 1,01 | 24937-78-8 |
| vanillin | Flavour and/or Taste Enhancer | 0,788 | 121-33-5 |
| menthol | Flavour and/or Taste Enhancer | 0,522 | 2216-51-5 |
| sugar syrup inverted | Flavour and/or Taste Enhancer | 0,463 | 8013-17-0 |
| Na-carboxymethylcellulose | Binder | 0,463 | 9004-32-4 |
| ethyl vanillin | Flavour and/or Taste Enhancer | 0,379 | 121-32-4 |
| benzaldehyde | Flavour and/or Taste Enhancer | 0,300 | 100-52-7 |
| potassium sorbate | Preservative | 0,250 | 24634-61-5 |
| acetic acid | Flavour and/or Taste Enhancer | 0,240 | 64-19-7 |
| benzyl alcohol | Solvent - Processing Aid | 0,236 | 100-51-6 |
| potassium citrate | Combustion Modifier | 0,207 | 866-84-2 |
| ethyl acetate | Flavour and/or Taste Enhancer | 0,200 | 141-78-6 |
| starch, oxidised | Binder | 0,191 | 65996-62-5 |
| 4-(p-hydroxyphenyl)-2-butanone | Flavour and/or Taste Enhancer | 0,160 | 5471-51-2 |
| COPPER (in Bronze powder=COPPER 85% + zinc | Colour | 0,155 | 7440-50-8 |
| iron oxide yellow | Colour | 0,144 | 20344-49-4 |
| titanium dioxide | Colour | 0,137 | 13463-67-7 |
| maltol | Flavour and/or Taste Enhancer | 0,133 | 118-71-8 |
| paraffinic white oil | Solvent - Processing Aid | 0,123 | 8042-47-5 |
| Direct Yellow 11 | Colour | 0,122 | 1325-37-7 |





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|  |  |  |  |
| --- | --- | --- | --- |
| Ingredients | Function | QNE\* (%) | CAS-No |
| Direct Blue 71 | Colour | 0,122 | 4399-55-7 |
| Direct Orange 102 | Colour | 0,122 | 6598-63-6 |
| ethyl alcohol | Solvent - Processing Aid | 0,120 | 64-17-5 |
| ethyl butyrate | Flavour and/or Taste Enhancer | 0,100 | 105-54-4 |
| tripotassium citrate | Combustion Modifier | 0,098 | 6100-05-6 |
| silicic acid, aluminum magnesium sodium salt | Filler | 0,083 | 12040-43-6 |
| cinnamic acid | Flavour and/or Taste Enhancer | 0,077 | 621-82-9 |
| talc | Colour, Filler | 0,071 | 14807-96-6 |
| acetone | Solvent - Processing Aid | 0,061 | 67-64-1 |
| heliotropin (piperonal) | Flavour and/or Taste Enhancer | 0,041 | 120-57-0 |
| benzyl cinnamate | Flavour and/or Taste Enhancer | 0,039 | 103-41-3 |
| benzoin gum siam (styrax tonkinensis) | Flavour and/or Taste Enhancer | 0,038 | 9000-05-9 |
| Saccharin | Flavour and/or Taste Enhancer | 0,035 | 128-44-9 |
| collodion | Binder | 0,035 | 9004-70-0 |
| gamma-heptalactone | Flavour and/or Taste Enhancer | 0,032 | 105-21-5 |
| 3,4-dimethoxy benzaldehyde | Flavour and/or Taste Enhancer | 0,032 | 120-14-9 |
| acetoin | Flavour and/or Taste Enhancer | 0,030 | 513-86-0 |
| diacetyl | Flavour and/or Taste Enhancer | 0,026 | 431-03-8 |
| synthetic hydrocarbon resin | Adhesive | 0,026 | 68132-00-3 |
| styrene-methylstyrene resin | Viscosity Modifier | 0,025 | 9011-11-4 |
| paraffin wax | Viscosity Modifier | 0,024 | 8002-74-2 |
| citral | Flavour and/or Taste Enhancer | 0,024 | 5392-40-5 |
| polyvinyl alcohol | Solvent - Processing Aid | 0,022 | 25213-24-5 |
| sorbitan monolaurate | Solvent - Processing Aid | 0,020 | 1338-39-2 |
| polyoxyethylene sorbitan monolaurate | Solvent - Processing Aid | 0,020 | 9005-64-5 |
| cocoa extract (alcoholic) | Flavour and/or Taste Enhancer | 0,019 | 84649-99-0 |
| acetyl-tributyl-citrate | Solvent - Processing Aid | 0,019 | 77-90-7 |
| polyvinylalcohol | Binder | 0,017 | 9002-89-5 |
| isoamyl acetate | Flavour and/or Taste Enhancer | 0,016 | 123-92-2 |
| beta-ionone | Flavour and/or Taste Enhancer | 0,016 | 14901-07-6 |
| 6-methylcoumarin | Flavour and/or Taste Enhancer | 0,015 | 92-48-8 |
| guar gum | Binder | 0,015 | 9000-30-0 |
| guaiacol | Flavour and/or Taste Enhancer | 0,013 | 90-05-1 |
| chlorite-group minerals (E 553b) = talcum | Filler | 0,012 | 1318-59-8 |
| 3-phenyl-1-propanol | Flavour and/or Taste Enhancer | 0,011 | 122-97-4 |
| benzyl benzoate | Flavour and/or Taste Enhancer | 0,010 | 120-51-4 |
| aluminum sulfate | Solvent - Processing Aid | 0,009 | 10043-01-3 |
| corn starch | Sizing Agent | 0,009 | 9005-25-8 |
| ethyl cellulose | Binder | 0,009 | 9004-57-3 |
| anisyl acetate | Flavour and/or Taste Enhancer | 0,008 | 104-21-2 |
| benzyl acetate | Flavour and/or Taste Enhancer | 0,008 | 140-11-4 |
| methylcyclopentenolone | Flavour and/or Taste Enhancer | 0,008 | 80-71-7 |
| styrene acrylates copolymer | Sizing Agent | 0,008 | 29497-08-3 |



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|  |  |  |  |
| --- | --- | --- | --- |
| Ingredients | Function | QNE\* (%) | CAS-No |
| oxetanone | Sizing Agent | 0,008 | 84989-41-3 |
| orange oil, cold pressed, sweet (citrus sinensis l | Flavour and/or Taste Enhancer | 0,008 | 8028-48-6 |
| furfuryl acetate | Flavour and/or Taste Enhancer | 0,007 | 623-17-6 |
| starch, modified | Solvent - Processing Aid | 0,006 | 56780-58-6 |
| p-methoxybenzaldehyde | Flavour and/or Taste Enhancer | 0,006 | 123-11-5 |
| alpha-ionone | Flavour and/or Taste Enhancer | 0,006 | 127-41-3 |
| isoamyl isovalerate | Flavour and/or Taste Enhancer | 0,006 | 659-70-1 |
| Ethyl anthranilate | Flavour and/or Taste Enhancer | 0,006 | 87-25-2 |
| iron oxide black | Colour | 0,006 | 1317-61-9 |
| balsam peru (myroxylon pereirae klotz.) | Flavour and/or Taste Enhancer | 0,005 | 8007-00-9 |
| myrrh resinoid | Flavour and/or Taste Enhancer | 0,005 | 8016-37-3 |
| galactomannan | Sizing Agent | 0,005 | 65497-29-2 |
| anisyl alcohol | Flavour and/or Taste Enhancer | 0,004 | 105-13-5 |
| vanilla extract | Flavour and/or Taste Enhancer | 0,004 | 8024-06-4 |
| sulfuric acid sodium salt | Filler | 0,004 | 7757-82-6 |
| isobutanol | Flavour and/or Taste Enhancer | 0,003 | 78-83-1 |
| rosin size | Sizing Agent | 0,003 | 91081-22-0 |
| butyl acetate | Flavour and/or Taste Enhancer | 0,003 | 123-86-4 |
| ethyl maltol | Flavour and/or Taste Enhancer | 0,003 | 4940-11-8 |
| iron oxide red | Colour | 0,003 | 1309-37-1 |
| silicon dioxide | Filler | 0,003 | 112926-00-8 |
| caprylic acid | Flavour and/or Taste Enhancer | 0,002 | 124-07-2 |
| eugenol | Flavour and/or Taste Enhancer | 0,002 | 97-53-0 |
| aluminum sulfate hexahydrate | Solvent - Processing Aid | 0,002 | 16828-11-8 |
| decanoic acid | Flavour and/or Taste Enhancer | 0,002 | 334-48-5 |
| phenylacetic acid | Flavour and/or Taste Enhancer | 0,0014 | 103-82-2 |
| dimethyl anthranilate | Flavour and/or Taste Enhancer | 0,0014 | 85-91-6 |
| cinnamyl cinnamate | Flavour and/or Taste Enhancer | 0,0012 | 122-69-0 |
| gamma-undecalactone | Flavour and/or Taste Enhancer | 0,0010 | 104-67-6 |
| mintlactone | Flavour and/or Taste Enhancer | 0,0010 | 13341-72-5 |
| cinnamic aldehyde | Flavour and/or Taste Enhancer | 0,0009 | 104-55-2 |
| alkyd resin | Sizing Agent | 0,0007 | 63148-69-6 |
| hexen-2-al | Flavour and/or Taste Enhancer | 0,0007 | 6728-26-3 |
| gamma-octalactone | Flavour and/or Taste Enhancer | 0,0006 | 104-50-7 |
| ethyl hexanoate | Flavour and/or Taste Enhancer | 0,0006 | 123-66-0 |
| geranium oil (pelargonium grav.l'her.) | Flavour and/or Taste Enhancer | 0,0006 | 8000-46-2 |
| Pine oil or needle oil or absolute | Flavour and/or Taste Enhancer | 0,0006 | 8021-29-2 |
| ethyl benzoate | Flavour and/or Taste Enhancer | 0,0005 | 93-89-0 |
| gamma-decalactone | Flavour and/or Taste Enhancer | 0,0005 | 706-14-9 |
| linalool | Flavour and/or Taste Enhancer | 0,0005 | 78-70-6 |
| Fenugreek extract | Flavour and/or Taste Enhancer | 0,0005 | 84625-40-1 |
| alcoholic beverages, rum, ext., nonalc. | Flavour and/or Taste Enhancer | 0,0004 | 90604-30-1 |
| Thaumatin E 957 | Flavour and/or Taste Enhancer | 0,0003 | 53850-34-3 |

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|  |  |  |  |
| --- | --- | --- | --- |
| Ingredients | Function | QNE\* (%) | CAS-No |
| 2-methoxy-4-methylphenol | Flavour and/or Taste Enhancer | 0,00024 | 93-51-6 |
| phenethyl alcohol | Flavour and/or Taste Enhancer | 0,00022 | 60-12-8 |
| aldehyde c-6 = hexanal | Flavour and/or Taste Enhancer | 0,00022 | 66-25-1 |
| butylated hydroxytoluene (BHT) | Preservative | 0,00020 | 128-37-0 |
| 1-octanol | Flavour and/or Taste Enhancer | 0,00019 | 111-87-5 |
| lemon oil (citrus limon) | Flavour and/or Taste Enhancer | 0,00018 | 8008-56-8 |
| damascone (beta-) | Flavour and/or Taste Enhancer | 0,00015 | 23726-92-3 |
| methyl linoleate/ methyl linolenate | Flavour and/or Taste Enhancer | 0,00013 | 301-00-8 |
| rose oil, bulg. true otto (rosa damas) | Flavour and/or Taste Enhancer | 0,00011 | 8007-01-0 |
| Ho oil | Flavour and/or Taste Enhancer | 0,00010 | 8022-91-1 |
| FD & C Red 40 | Colour | 0,00009 | 68583-95-9 |
| FD & C Blue 1 | Colour | 0,00009 | 68921-42-6 |
| Silica, amorphous | Filler | 0,00006 | 112945-52-5 |
| 4-methyl-5-thiazoleethanol | Flavour and/or Taste Enhancer | 0,00005 | 137-00-8 |
| dihydrocoumarin | Flavour and/or Taste Enhancer | 0,00004 | 119-84-6 |
| butyric acid | Flavour and/or Taste Enhancer | 0,00003 | 107-92-6 |
| 2,6,6-trimethylcyclohex-2-ene-1,4-dione | Flavour and/or Taste Enhancer | 0,00003 | 1125-21-9 |
| 4-hydroxy-2,5-dimethyl-3(2H)-furanone | Flavour and/or Taste Enhancer | 0,00003 | 3658-77-3 |
| iso-butyric acid | Flavour and/or Taste Enhancer | 0,00003 | 79-31-2 |
| Yellow 100 | Colour | 0,00002 | 12225-21-7 |
| hydrogen peroxide | Solvent - Processing Aid | 0,00002 | 7722-84-1 |
| dimethyl-5,9-undecadien-2-one | Flavour and/or Taste Enhancer | 0,00001 | 3796-70-1 |
| methyl phenylacetate | Flavour and/or Taste Enhancer | < 0.00001 | 101-41-7 |
| ethyl phenylacetate | Flavour and/or Taste Enhancer | < 0.00001 | 101-97-3 |
| isobutyl phenylacetate | Flavour and/or Taste Enhancer | < 0.00001 | 102-13-6 |
| benzyl phenylacetate | Flavour and/or Taste Enhancer | < 0.00001 | 102-16-9 |
| isoamyl phenylacetate | Flavour and/or Taste Enhancer | < 0.00001 | 102-19-2 |
| ethyl cinnamate | Flavour and/or Taste Enhancer | < 0.00001 | 103-36-6 |
| phenethyl acetate | Flavour and/or Taste Enhancer | < 0.00001 | 103-45-7 |
| cinnamic alcohol | Flavour and/or Taste Enhancer | < 0.00001 | 104-54-1 |
| benzyl formate | Flavour and/or Taste Enhancer | < 0.00001 | 104-57-4 |
| ethyl octanoate (oenanthic ether) | Flavour and/or Taste Enhancer | < 0.00001 | 106-32-1 |
| ethyl laurate | Flavour and/or Taste Enhancer | < 0.00001 | 106-33-2 |
| valeric acid | Flavour and/or Taste Enhancer | < 0.00001 | 109-52-4 |
| ethyl decanoate | Flavour and/or Taste Enhancer | < 0.00001 | 110-38-3 |
| 6-methyl-5-hepten-2-one | Flavour and/or Taste Enhancer | < 0.00001 | 110-93-0 |
| heptanoic acid | Flavour and/or Taste Enhancer | < 0.00001 | 111-14-8 |
| hexyl alcohol | Flavour and/or Taste Enhancer | < 0.00001 | 111-27-3 |
| nonanoic acid | Flavour and/or Taste Enhancer | < 0.00001 | 112-05-0 |
| 2-methylbutyric acid | Flavour and/or Taste Enhancer | < 0.00001 | 116-53-0 |
| isobutyl cinnamate | Flavour and/or Taste Enhancer | < 0.00001 | 122-67-8 |
| phenylacetaldehyde | Flavour and/or Taste Enhancer | < 0.00001 | 122-78-1 |
| propionaldehyde | Flavour and/or Taste Enhancer | < 0.00001 | 123-38-6 |



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| --- | --- | --- | --- |
| Ingredients | Function | QNE\* (%) | CAS-No |
| 3-methyl-1-butanol | Flavour and/or Taste Enhancer | < 0.00001 | 123-51-3 |
| caproic acid | Flavour and/or Taste Enhancer | < 0.00001 | 142-62-1 |
| p-dimethoxybenzene | Flavour and/or Taste Enhancer | < 0.00001 | 150-78-7 |
| 2-ethyl-3-methylpyrazine | Flavour and/or Taste Enhancer | < 0.00001 | 15707-23-0 |
| C.I. pigment yellow 104 | Colour | < 0.00001 | 15790-07-5 |
| 5-methyl-2phenyl-2-hexanal | Flavour and/or Taste Enhancer | < 0.00001 | 21834-92-4 |
| 2-acetylpyrazine | Flavour and/or Taste Enhancer | < 0.00001 | 22047-25-2 |
| beta-damascenone | Flavour and/or Taste Enhancer | < 0.00001 | 23696-85-7 |
| 2-isobutyl-3-methoxypyrazine | Flavour and/or Taste Enhancer | < 0.00001 | 24683-00-9 |
| 4-ethyl guaiacol | Flavour and/or Taste Enhancer | < 0.00001 | 2785-89-9 |
| 3-acetylpyridine | Flavour and/or Taste Enhancer | < 0.00001 | 350-03-8 |
| cis-3-hexen-1-yl acetate | Flavour and/or Taste Enhancer | < 0.00001 | 3681-71-8 |
| methylhexanoicacid | Flavour and/or Taste Enhancer | < 0.00001 | 4536-23-6 |
| 3-phenylpropionic acid | Flavour and/or Taste Enhancer | < 0.00001 | 501-52-0 |
| isovaleric acid | Flavour and/or Taste Enhancer | < 0.00001 | 503-74-2 |
| 3-methylbutyraldehyde | Flavour and/or Taste Enhancer | < 0.00001 | 590-86-3 |
| 5-methylfurfural | Flavour and/or Taste Enhancer | < 0.00001 | 620-02-0 |
| 2-,5- or 6-Methoxy-3-methylpyrazine | Flavour and/or Taste Enhancer | < 0.00001 | 68378-13-2 |
| delta-undecalactone | Flavour and/or Taste Enhancer | < 0.00001 | 710-04-3 |
| delta-dodecalactone | Flavour and/or Taste Enhancer | < 0.00001 | 713-95-1 |
| orange leaf absolute | Flavour and/or Taste Enhancer | < 0.00001 | 72968-50-4 |
| dimethyl sulfide | Flavour and/or Taste Enhancer | < 0.00001 | 75-18-3 |
| isobutyraldehyde | Flavour and/or Taste Enhancer | < 0.00001 | 78-84-2 |
| propionic acid | Flavour and/or Taste Enhancer | < 0.00001 | 79-09-4 |
| alpha-irone | Flavour and/or Taste Enhancer | < 0.00001 | 79-69-6 |
| celery seed oil (apium graveolens) | Flavour and/or Taste Enhancer | < 0.00001 | 8015-90-5 |
| cognac oil, green | Flavour and/or Taste Enhancer | < 0.00001 | 8016-21-5 |
| labdanum oleoresin/ absolute (cistus spp) | Flavour and/or Taste Enhancer | < 0.00001 | 8016-26-0 |
| olibanum oil | Flavour and/or Taste Enhancer | < 0.00001 | 8016-36-2 |
| neroli oil (citrus aurantium l.) | Flavour and/or Taste Enhancer | < 0.00001 | 8016-38-4 |
| oakmoos absolute (evernia prunastri) | Flavour and/or Taste Enhancer | < 0.00001 | 9000-50-4 |
| Benzoe Siam resinoid | Flavour and/or Taste Enhancer | < 0.00001 | 9000-72-0 |
| methyl benzoate | Flavour and/or Taste Enhancer | < 0.00001 | 93-58-3 |
| acetophenone | Flavour and/or Taste Enhancer | < 0.00001 | 98-86-2 |