

Tobacco Return

Manufacturer :

Heintz Van Landewyck s.à.r.l.
31, rue de Hollerich
L-1741 Luxembourg
Luxembourg

Calendar Year :

2008

Tobacco product classes :

Roll your own tobacco

NZ Tobacco Group Ltd
Calender Year: 2008

Total Tobacco products released for sale

Cigarettes	sticks	pieces per Retail pkt	RRP	Max weight per stick
Ashford Red	1951400	20	\$9.10	0.79 g/pc
Ashford Blue	410820	20	\$9.10	0.79 g/pc
Ashford Green	56300	20	\$9.10	0.79 g/pc
Ashford Red	955475	25	\$11.30	0.79 g/pc
Ashford Blue	75200	25	\$11.30	0.79 g/pc
Ashford Green	3350	25	\$11.30	0.79 g/pc
Easy Full	14084300	20	\$8.40	0.79 g/pc
Texas Red	14680	20	\$9.60	0.79 g/pc

Roll Your Own	Kg	gms per Retail pkt	RRP
Ashford Red	1104.54	30	\$16.90
Ashford Red	844.76	40	\$22.90
Easy Blue	3933.6	30	\$16.60

Cigars	sticks	pieces per retail pkt	RRP	
Candlelight Mini Vanilla	56140	10	\$9.90	1.1 g/pc
CandlelightMini Cherry	23920	10	\$9.90	1.1 g/pc
Candlelight Mini Havana	23434	10	\$9.90	1.1 g/pc
Candlelight Mini Sumatra	6779	10	\$9.90	1.1 g/pc
Candlelight Mini Whisky	23594	10	\$9.90	1.1 g/pc
Candlelight Senorita Vanilla	7883	5	\$14.90	3.0 g/pc
Candlelight Senorita Cherry	2720	5	\$14.90	3.0 g/pc
Candlelight Senorita Coffee	3705	5	\$14.90	3.0 g/pc
Candlelight Senorita Whisky	6440	5	\$14.90	3.0 g/pc
Candlelight Senorita Havana	4705	5	\$14.90	3.0 g/pc
Candlelight Slim Havana	27295	1	\$2.50	1.9 g/pc
Candlelight Slim Vanilla	9075	1	\$2.50	1.9 g/pc
Candlelight Slim Whisky	7425	1	\$2.50	1.9 g/pc

Composite List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold in New Zealand (2008)

NAME	Function	Quantity not exceeded [%]	CAS N°
WATER	processing aid	14.80000	7732-18-5
GLYCEROL	humectant	2.01877	56-81-5
PROPYLENE GLYCOL, (1,2-)	humectant	1.38000	57-55-6
INVERT SUGAR	flavour	1.35500	8013-17-0
SUGAR SIROP (SUCROSE)	flavour	1.12000	57-50-1
COCOA and COCOA PRODUCTS	flavour	0.40000	8002-31-184649-99-0
SODIUM BENZOATE	preservative	0.25000	532-32-1
CITRIC ACID	processing aid	0.12015	77-92-9
LICORICE and/or EXTRACT	flavour	0.10000	68916-91-68008-94-4
PLUM (PRUNE) EXTRACT and/or JUICE	flavour	0.04323	90082-87-4
BENZOIC ACID	preservative	0.03000	65-85-0
VANILLIN	flavour	0.02706	121-33-5
CARAMEL	flavour	0.01351	8028-89-5
ETHYL ACETATE	flavour	0.00300	141-78-6
ETHYL VANILLIN	flavour	0.00200	121-32-4
BENZALDEHYDE	flavour	0.00160	100-52-7
MALTOL	flavour	0.00128	118-71-8
RUM	flavour	0.00082	90604-30-1
VANILLA EXTRACT	flavour	0.00080	8024-06-4
ETHYL BUTYRATE	flavour	0.00077	105-54-4
GAMMA-NONALACTONE	flavour	0.00064	104-61-0
ACETOIN	flavour	0.00062	513-86-0
4-(P-HYDROXYPHENYL)-2-BUTANONE	flavour	0.00060	5471-51-2
ISOAMYL PHENYLACETATE	flavour	0.00060	102-19-2
ISOBUTYL ALCOHOL	flavour	0.00045	78-83-1
ACETIC ACID	flavour	0.00030	64-19-7
HELIOTROPIN (PIPERONAL)	flavour	0.00022	120-57-0
BENZYL BENZOATE	flavour	0.00020	120-51-4
PROPENYLGUAETHOL	flavour	0.00020	94-86-0
VERATRALDEHYDE	flavour	0.00020	120-14-9
2,3-PENTANEDIONE	flavour	0.00008	800-14-6
CINNAMIC ALCOHOL	flavour	0.00008	104-54-1
GAMMA-UNDECALACTONE	flavour	0.00008	104-67-6
GUAIACOL	flavour	0.00008	90-05-1
SPANISH WINE	flavour	0.00008	no CAS
PHENETHYL BUTYRATE	flavour	0.00006	103-52-6
CAPROIC ACID	flavour	0.00006	142-62-1
GAMMA-HEPTALACTONE	flavour	0.00005	105-21-5
CANE SUGAR EXTRACT	flavour	0.00005	no CAS
PHENETHYL ISOBUTYRATE	flavour	0.00005	103-48-0
4-METHYLACETOPHENONE	flavour	0.00004	122-00-9
DIACETYL	flavour	0.00004	431-03-8
2-,5- OR 6-METHOXY-3-METHYLPYRAZINE	flavour	0.00002	68378-13-5
3-METHYLBUTYRALDEHYDE	flavour	0.00002	590-86-3
BUTYL BUTYRATE	flavour	0.00002	109-21-7

DODECALACTONE, (delta-)	flavour	0.00002	713-95-1
PHENETHYLCINNAMATE	flavour	0.00002	103-53-7
2-ETHYL-3(5OR6)DIMETHYLPYRAZINE	flavour	0.00001	27043-05-8
BUTYL ACETATE	flavour	0.00001	123-86-4
DECALACTONE, (gamma-)	flavour	0.00001	706-14-9
GERANYL ACETATE	flavour	0.00001	105-87-3
ISOVALERIC ACID	flavour	0.00001	503-74-2
METHYL CYCLOPENTENOLONE	flavour	0.00001	765-70-880-71-7
OCTANOIC ACID	flavour	0.00001	124-07-2
UNDECALACTONE, (gamma-)	flavour	0.00001	104-67-6

**By-Brand List of Ingredients Added to Heintz Van Landewyck Tobacco Products Sold
in New Zealand (2008)**

Tobacco product classes : Roll your own tobacco

Easy 30 g

TOBACCO	>90 %
GLYCEROL	<3 %
SUGARS	<3 %
PROPYLEN GLYCOL	<2 %
NATURAL AND ARTIFICIAL FLAVOURS	<0.7 %
SODIUM BENZOATE	<0.3 %



Godfrey Phillips India Ltd
Research & Development Department
Inter Office correspondence



NABL Cert. No. T- 0801

Analytical Report from R&D

GPI/RDF/06

Project Name: Easy FT

Date: 12-2-08

Name of the client:- Product Development

Description of the Sample Tested	Unit	Reference Method Used	Easy FT
Test reference No.			5215
C.T./ Butt Length	mm	ISO 4387:2000	24 / 28
ISO Tar	mg/cigt	ISO 4387:2000	15.8
TPM	mg/cigt	ISO 4387:2000	15.9
Nicotine	mg/cigt	ISO 10315 :2000	1.22
Water	mg/cigt	ISO 10362-1:1999	2.9
Puffs	per cigt.	ISO 3308:2000	8.1
CO Value	mg / cigt	ISO 8454:1995	15.0
Total RTD	mm	ISO 6565:2002	123
EPD	mm	ISO 6565:2002	-
Filter RTD	mm	ISO 6565:2002	78
Paper Porosity	CU	ISO 2965:1997	68
Cigt. Length	mm	ISO 4387:2000	84
FT. Length / Type	mm	ISO 4387:2000	20 / CA
Circumference	mm	ISO 2971:1998	24.46
Total Alkaloids	% DWB	ISO 15152:2003	1.76
Total Reducing Sugars	% DWB	ISO 15154:2003	10.6
Total Chloride	% DWB	Bran+Luebe:G267-01	0.58
Tob. Wt. @ 12.5 % O.V.	mg/cigt	PMI 327	759
Density @ 12.5 % O. V.	mg/cc	PMI327	249
O. V.	%	PMI 274	12.6
Ventilation	%	ISO 9512:2002	-
*SBR	mm/min	-	-
PD Loss	%	ISO 6565:2002	-
C. T. Paper	Type	-	N

Note:- 1) This report refers to the samples submitted for testing. 2) The test results reported are valid at the time of and under the stated conditions of measurement. 3) Any correction invalidates this report 4) Tests marked with * are out of the scope of accreditation.

DR B. DEB (VICE PRESIDENT – R & D)

Manufacturers: Joh. Wilt. von Eicken,
Lübeck, Germany
for 2008 Calendar Year

By Brand Ingredient Lists:**Tobacco Product Class: Cigarettes****Ashford Red**

TOBACCO (> 70 %)
FILTER MATERIAL, PAPER (< 30 %)

Ashford Blue

TOBACCO (> 65 %)
GLYCEROL (< 5 %)
FILTER MATERIAL, PAPER (< 30 %)

Tobacco Product Class: Cigars**Candlelight Cherry Mini**

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Vanilla Mini

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Whisky Mini

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Sumatra Mini

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Havana Mini

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Manufacturer: Joh. Wilh. von Eicken,
Lübeck, Germany
for 2008 Calendar Year

Candlelight Cherry Senorita

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Vanilla Senorita

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Coffee Senorita

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Whisky Senorita

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
GLYCEROL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Havana Senorita

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)

Candlelight Slim Corona Havana

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 0.5 %)

Candlelight Slim Corona Vanilla

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)
CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)

Candlelight Slim Corona Whisky

TOBACCO (> 90 %)
TOBACCO SHEET (< 5 %)

Manufacturer: Joh. Wilh. von Eicken,
Lübeck, Germany
for 2008 Calendar Year

CELLULOSE, 2-HYDROXYETHYL ETHER (< 1 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 2 %)

Tobacco Product Class: Roll your own tobacco

Ashford Red

TOBACCO (> 90 %)
PROPYLENE GLYCOL (< 5 %)
NATURAL AND ARTIFICIAL FLAVOURS (< 0.5 %)
POTASSIUM SORBATE (< 0.5 %)
HONEY (< 0.5 %)

Tobacco Return

Manufacturer: Joh. Wilh. Von Eicken GmbH
Drechslerstraße 1-3
23556 Lübeck
Germany

Calendar year: 2008

Tobacco product classes: Cigarettes
Cigars
Roll your own tobacco

List of additives used for Von Eicken products

Ingredient	Function	Quantity not exceeded [%]	CAS
1-butanol	solvent	0,0002	71-36-3
1-decanol	flavour	0,0003	112-30-1
1-hexadecanol	flavour	0,0008	36653-82-4
1-methoxy-4-propenylbenzene	flavour	0,0000	104-46-1
1-propyl alcohol	flavour	0,4483	71-23-8
2,2-(dithiodimethyle)-difuran	flavour	0,0002	4437-20-1
2,3,5,6-tetramethylpyrazine	flavour	0,0356	1124-11-4
2,3,5-trimethyl pyrazine	flavour	0,1687	14667-55-1
2,3-Hexadione	flavour	0,0002	3848-24-6
2,4,5-trimethylthiazole	flavour	0,0002	13623-11-5
2,5-dimethyl-3-ethylpyrazine	flavour	0,0000	13360-65-1
2,5-dimethylpyrazine	flavour	0,0003	123-32-0
2,6,6-trimethylcyclohex-2-ene-1,4-dione	flavour	0,0005	1125-21-9
2,6-dimethoxyphenol	flavour	0,0006	91-10-1
2,6-dimethyl pyrazine	flavour	0,0019	108-50-9
2-,5- or 6-methoxy-3-methylpyrazine	flavour	0,0001	68378-13-5
2-acetyl furan	flavour	0,0034	1192-62-7
2-acetylpyrazine	flavour	0,0001	22047-25-2
2-acetylthiazole	flavour	0,0003	24295-03-2
2-ethyl-3, (SOR6)-dimethylpyrazine	flavour	0,0034	27043-05-6
2-ethyl-3-methylpyrazine	flavour	0,0337	15707-23-0
2-isobutyl-3-methoxypyrazine	flavour	0,0001	24683-00-9
2-methoxy-4-methylphenol	flavour	0,0004	93-51-6
2-methoxy-4-vinylphenol	flavour	0,0006	7786-61-0
2-methylbutyric acid	flavour	0,0133	116-53-0
3,4-dimethoxy benzaldehyde	flavour	0,1047	120-14-9
3,4-dimethyl-1,2-cyclopentadione	flavour	0,0001	13494-06-9
3-acetylpyridine	flavour	0,0001	350-03-8
3-heptanone	flavour	0,0003	106-35-4
3-hexen-1-ol	flavour	0,0027	928-96-1
3-Methyl-1,2-cyclopentandion	flavour	0,1689	765-70-8
3-methyl-1-butanol	flavour	0,0002	123-51-3
3-methylbutyraldehyde	flavour	0,0001	590-86-3
3-phenyl-1-propanol	flavour	0,0008	122-97-4
3-phenylpropionic acid	flavour	0,0005	501-52-0
3-phenylpropyl acetate	flavour	0,0095	122-72-5
3-propylidenephthalide	flavour	0,0003	17369-59-4

4,5-dimeth-3-hydroxy-2,5-dihydrofuran-2-on	flavour	0,0002	28664-35-9
4-(p-hydroxyphenyl)-2-butanone	flavour	0,1644	5471-51-2
4-ethyl guaiacol	flavour	0,0002	2785-89-9
4-hydroxy-2,5-dimethyl-3(2H)-furanone	flavour	0,0138	3658-77-3
4-methyl-5-thiazoleethanol	flavour	0,0034	137-00-8
4-methylacetophenone	flavour	0,0000	122-00-9
5h-5-methyl-6,7-dihydrocyclopent-pyraz	flavour	0,0034	23747-48-0
6-methyl-5-hepten-2-one	flavour	0,0001	110-93-0
6-methylcoumarin	flavour	0,0002	92-48-8
8-mercapto-p-menthane-3-one	flavour	0,0003	36462-22-5
acetic acid	flavour	0,0985	64-19-7
acetoin	flavour	0,0337	513-86-0
acetophenone	flavour	0,0061	98-86-2
acetyl propionyl	flavour	0,0002	600-14-6
aldehyde c-10 = decanal	flavour	0,0001	112-31-2
allspice oil (pimenta off. lindl.)	flavour	0,0019	8006-77-7
allyl hexanoate	flavour	0,0000	123-68-2
alpha pinene	flavour	0,0000	7785-26-4
alpha-ionone	flavour	0,0027	127-41-3
alpha-ionone	flavour	0,0001	79-69-6
ambrox	flavour	0,0004	6790-58-5
amyl butyrate	flavour	< 0.00001	540-18-1
amyl formate	flavour	< 0.00001	638-49-3
amylmethylketon	flavour	0,0001	110-43-0
anisyl acetate	flavour	0,0001	104-21-2
anisyl alcohol	flavour	0,0029	105-13-5
apple flavour, natural	flavour	0,0002	
apple juice conc. (malus sylvestris)	flavour	0,0125	
aromise oil (artemisia vulgaris l.)	flavour	0,1605	8008-93-3
ascorbic acid	flavour	0,0002	50-81-7
balsam peru (myroxylon pereirae klotz.)	flavour	0,0042	8007-00-9
beach wood pulp (cellulose)	filler	0,4205	9004-34-6
benzaldehyde	flavour	0,0084	100-52-7
benzoin gum siam (styrax tonkinensis)	flavour	0,0010	9000-05-9
benzyl acetate	flavour	0,0034	140-11-4
benzyl alcohol	flavour	0,0475	100-51-6
benzyl benzoate	flavour	0,1047	120-51-4
benzyl butyrate	flavour	0,0003	103-37-7
benzyl cinnamate	flavour	0,0418	103-41-3
benzyl phenylacetate	flavour	0,0001	102-16-9
benzyl propionate	flavour	0,0003	122-63-4
beta-caryophyllene	flavour	0,0001	87-44-5
beta-damascenone	flavour	0,0001	23696-85-7
beta-damascone	flavour	0,0027	23726-92-3
beta-ionone	flavour	0,0137	14901-07-6
borneol	flavour	0,0001	507-70-0
bornyl acetate	flavour	0,0008	76-49-3
butyl butyrate	flavour	0,0000	109-21-7
butyl isovalerate	flavour	0,0003	109-19-3
butyl lactate	flavour	0,0010	138-22-7
butylene glycol	flavour	0,0028	107-88-0
butyric acid	flavour	0,0116	107-92-6
cananga oil (cananga odorata hook.f.and thoms.)	flavour	0,0008	68606-83-7
caproic acid	flavour	0,0031	142-62-1
caprylic acid	flavour	0,0001	124-07-2
caramel color	flavour	0,0147	8028-89-5
caraway seed oil (carum carvi l.)	flavour	0,0001	8000-42-8
carrot seed oil (daucus carota l.)	flavour	0,0001	8015-88-1
cassia oil	flavour	0,0019	8007-80-5
catechu tincture 62% vol. (acacia catechu willd.)	flavour	0,0224	8001-76-1

celery seed oil (<i>apium graveolens</i>)	flavour	0,0001	8015-90-5
cherry fruit juice	flavour	0,2508	8997-53-5
cinnamic acid	flavour	0,0418	621-82-9
cinnamic alcohol	flavour	0,0018	104-54-1
cinnamic aldehyde	flavour	0,0759	104-55-2
cinnamon bark oil (<i>cinnamomum</i> spp.)	flavour	0,0084	8015-91-6
cinnamyl acetate	flavour	0,0095	103-54-8
cis-3-hexen-1-yl acetate	flavour	0,0001	3681-71-8
citral	flavour	0,0001	5392-40-5
citric acid	flavour	0,0500	77-92-9
citronellyl acetate	flavour	0,0001	150-84-5
clary sage oil (<i>salvia sclarea</i> L.)	flavour	0,0008	8016-63-5
clove bud oil	flavour	0,0019	8000-34-8
cocoa enhancer	flavour	0,0005	
cocoa extract	flavour	0,0002	84649-99-3
cocoa extract (alcoholic)	flavour	0,1226	84649-99-0
cocoa flavour	flavour	0,0170	
cocoa powder	flavour	0,6391	
coffee absolute	flavour	0,8427	84650-00-0
coffee extract (<i>coffea</i> spp.)	flavour	0,0002	93348-12-0
coffee flavour	flavour	0,0004	
cognac oil, green	flavour	0,0224	8016-21-5
coriander oil (<i>coriandrum sativum</i> L.)	flavour	0,0001	8008-52-4
cumin aldehyde	flavour	0,0002	122-03-2
cumine oil (<i>cuminum cyminum</i> L.)	flavour	0,0008	8014-13-9
d-limonene	flavour	0,0003	989-27-5
decanoic acid	flavour	0,0004	334-48-5
delta-decalactone	flavour	0,0008	705-86-02
delta-dodecalactone	flavour	0,0015	713-95-1
delta-hexalactone	flavour	0,0018	823-22-3
delta-nonolactone	flavour	0,0002	3301-94-8
delta-undecalactone	flavour	0,0001	710-04-3
diacetyl	flavour	0,0134	431-03-8
dihydrocoumarin	flavour	0,0337	119-84-6
dimethyl sulfide	flavour	0,0001	75-18-3
dimethyl-5,9-undecadien-2-one	flavour	0,0005	3796-70-1
ethyl 2-methylbutyrate	flavour	0,0133	7452-79-1
ethyl acetate	flavour	0,0985	141-78-6
ethyl alcohol	solvent	1,4098	64-17-5
ethyl butyrate	flavour	0,0985	105-54-4
ethyl cinnamate	flavour	0,0004	103-36-6
ethyl decanoate	flavour	0,0224	110-38-3
ethyl heptanoate	flavour	< 0,00001	106-30-9
ethyl hexanoate	flavour	0,1121	123-66-0
ethyl isobutyrate	flavour	0,0026	97-62-1
ethyl lactate	flavour	0,0010	97-64-3
ethyl laurate	flavour	0,1121	106-33-2
ethyl levulinate	flavour	0,0019	539-88-8
ethyl octanoate	flavour	0,1121	106-32-1
ethyl phenylacetate	flavour	0,0117	101-97-3
ethyl propionate	flavour	0,0133	105-37-3
ethyl vanillin	flavour	0,0190	121-32-4
ethylhydroxyethylcellulose	binder	1,0	9004-58-4
ethylmaltol	flavour	0,0048	4940-11-8
eucalyptol	flavour	0,0003	470-82-6
exaltolide	flavour	0,0084	106-02-5
farnesol	flavour	0,0001	4602-84-0
fennel oil sweet (<i>foeniculum vulgare</i>)	flavour	0,0117	8006-84-6
Fenugreek extract	flavour	0,0032	84625-40-1
fig concentrate	flavour	0,0125	90028-74-3

fructose	flavour	0,0044	57-48-7
furfural	flavour	0,0034	98-01-1
furfuryl alcohol	flavour	0,0041	98-00-0
furfuryl mercaptan	flavour	0,0038	98-02-2
gamma-decalactone	flavour	0,0005	706-14-9
gamma-heptalactone	flavour	0,0000	105-21-5
gamma-hexalactone	flavour	0,0012	695-06-7
gamma-nonolactone	flavour	0,1595	104-61-0
gamma-octalactone	flavour	0,0052	104-50-7
gamma-terpinene	flavour	0,0003	99-85-4
gamma-undecalactone	flavour	0,0084	104-67-6
gamma-valerolactone	flavour	0,0028	108-29-2
geraniol	flavour	0,0001	106-24-1
geranium oil (pelargonium grav./her.)	flavour	0,0004	8000-46-2
geranyl butyrate	flavour	0,0008	106-29-6
geranyl isobutyrate	flavour	0,0006	2345-26-8
ginger oil (zingiber off.)	flavour	0,0001	8007-08-7
glucose sirup	flavour	0,0004	9055-00-9
glycerol	humectant, solvent	1,4771	56-81-5
guaiac wood oil (buit.sarm/ guaiac.spp.)	flavour	0,0001	8016-23-7
guaiacol	flavour	0,0032	90-05-1
heliotropin (piperonal)	flavour	0,2121	120-57-0
heptanoic acid	flavour	0,0001	111-14-8
hexen-2-ol	flavour	0,0027	6728-26-3
hexyl alcohol	flavour	0,0001	111-27-3
honey	flavour	0,1868	8028-66-8
iso-butyric acid	flavour	0,0005	79-31-2
isoamyl acetate	flavour	0,0084	123-92-2
isoamyl cinnamate	flavour	0,0010	7779-65-9
isoamyl hexanoate	flavour	0,0224	2198-61-0
isoamyl isovalerate	flavour	0,0052	659-70-1
isoamyl phenylacetate	flavour	0,0003	102-19-2
isobutyl butyrate	flavour	0,0004	539-90-2
isobutyl cinnamate	flavour	0,0003	122-67-8
isobutyl phenylacetate	flavour	0,0001	102-13-6
isobutyraldehyde	flavour	0,0001	78-84-2
isopulgeol	flavour	0,0003	89-79-2
isovaleric acid	flavour	0,0001	503-74-2
Jamaica rum	flavour	0,0001	91450-09-8
jasmine absolute (jasminum ssp.)	flavour	< 0,00001	8022-96-6
labdanum oleoresin/ absolute (cistus spp)	flavour	0,0005	8016-26-0
lactic acid	flavour	0,0001	50-21-5
lemon terpenes	flavour	0,0133	84929-31-7
licorice extract	flavour	0,0949	97676-23-8
licorice extract (glycyrrhiza glabra l.)	flavour	0,0009	68916-91-6
licorice powder	flavour	0,5477	
lime oil expressed (cistus aurantif.[chrf.].sw.)	flavour	0,0008	8008-26-2
linalool	flavour	0,0001	78-70-6
linalyl acetate	flavour	0,0000	115-95-7
linseed oil absolute	flavour	0,0001	
lovage extract (non-alcoholic)	flavour	0,0002	8016-31-7
m-dimethoxybenzene	flavour	0,0002	151-10-0
malt extract	flavour	0,1189	8002-48-0
maltol	flavour	0,0009	118-71-8
menthol crystals chin.	flavour	0,0125	89-78-1
menthone	flavour	0,0003	89-80-5
methyl acetate	flavour	0,0418	16409-45-3
methyl benzoate	flavour	0,0001	93-58-3
methyl cinnamate	flavour	0,0023	103-26-4
methyl linoleate/ methyl linolenate	flavour	0,0023	301-00-8

methyl phenylacetate	flavour	0,0118	101-41-7
methyl salicylate	flavour	0,0027	119-36-8
methyl-2-furoate	flavour	0,0001	611-13-2
methylcellulose	binder	0,3500	9004-67-5
methylhexanoicacid	flavour	0,0001	4536-23-6
mintlactone	flavour	0,0039	13341-72-5
myrcene	flavour	0,0003	123-35-3
myrrh resinoid	flavour	0,0114	8016-37-3
n-amyli isovalerate	flavour	< 0,00001	25415-62-7
Na-carboxymethylcellulose	binder	0,4205	9004-32-4
nerol	flavour	0,0001	106-25-2
neroli oil (citrus aurantium l.)	flavour	0,0001	8016-38-4
nonanoic acid	flavour	0,0001	112-05-0
oakmoos absolute (evernia prunastri)	flavour	0,0001	9000-50-4
Oil of Cardamom	flavour	0,0001	800-66-6
oilbanum oil	flavour	0,0001	8016-36-2
orange leaf absolute	flavour	0,0001	72968-50-4
orange oil	flavour	0,0026	68606-94-0
orange oil, bitter (citrus aurantium)	flavour	0,0002	68916-04-1
orange oil, cold pressed, sweet (citrus sinensis l)	flavour	0,0002	8028-48-6
orris oil (iris florentina l.)	flavour	< 0,00001	8002-73-1
p-cymene	flavour	0,0003	99-87-6
p-dimethoxybenzene	flavour	0,0001	150-78-7
p-methoxybenzaldehyde	flavour	0,0039	123-11-5
p-tolylaldehyd	flavour	0,0004	104-87-0
peppermint oil (mentha piperita)	flavour	0,0027	8006-90-4
phenethyl acetate	flavour	0,0002	103-45-7
phenethyl alcohol	flavour	0,0008	60-12-8
phenethyl isovalerate	flavour	0,0002	140-26-1
phenylacetaldehyde	flavour	0,0001	122-78-1
phenylacetic acid	flavour	0,0418	103-82-2
phenylethyl isobutyrate	flavour	0,0008	103-48-0
plum extract	flavour	0,1226	
potassium sorbate	preservative	0,2335	24634-61-5
propenylguaethol	flavour	0,0014	94-86-0
propionaldehyde	flavour	0,0001	123-38-6
propionic acid	flavour	0,0018	79-09-4
propylene glycol	humectant, solvent	4,3468	57-55-6
pulegone	flavour	0,0003	89-82-7
pyridine	flavour	0,0034	110-86-1
r-carvon	flavour	0,0004	6485-40-1
rhatany tincture 64% vol. (krameria spp.)	flavour	0,0008	
rose oil, bulg. true otto (rosa damas)	flavour	< 0,00001	8007-01-0
rose oxide	flavour	0,0001	16409-43-1
rum	flavour	0,6399	91450-09-8
rum jamaica 75% vol.	flavour	0,0009	90604-31-1
salicyl aldehyde	flavour	0,0002	90-02-8
sorbic acid	preservative	0,0060	110-44-1
st.john's bread extract (ceratonia siliqua)	flavour	0,0002	84961-45-5
sucrose syrup	flavour	0,3668	
sugar syrup inverted	flavour, humectant	0,4464	8013-17-0
sugarcane syrup	flavour	0,0001	68476-78-8
thyme oil (thymus vulgaris l.)	flavour	0,0022	8007-46-3
titan dioxide	filler	0,0150	13463-67-7
tkt. aromatika 65% V/V	flavour	0,1605	
trans-anethole	flavour	0,0024	4180-23-8
triacetin	solvent	0,1188	102-76-1
triethyl citrate	flavour	0,1605	77-93-0
trimethylcyclohexenyl-2-buten-1-on	flavour	0,0008	35044-68-9

valerian root oil (valeriana officinalis l.)	flavour	0,0019	E008-88-6
valeric acid	flavour	0,0001	109-52-4
vanilla extract	flavour	0,0015	E024-06-4
vanilla extract	flavour	0,0018	84650-63-5
vanillin	flavour	0,3214	121-33-5
vetiver oil (vetiveria zizanioides st.)	flavour	0,0032	E016-96-4
violet leaves absolute	flavour	0,0003	E024-08-6
water	solvent	0,0019	
wine destilat. 75% vol.	flavour	1,7932	
wine sweet 15,5% vol.	flavour	0,1605	91082-91-6



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Die Akkreditierung gilt für die in
der Urkunde aufgeführten Prüfverfahren

Lübeck, 20th January 2009

Tobacco Report

Manufacturer: Joh. Wilh. von Eicken GmbH
Drechslerstraße 1
23556 Lübeck
Germany

Brand Name: Ashford Red
Type of Product: Cigarettes
Calendar year: 2008

Test Results:

Tar: 11,7 mg/Cigarette
Nicotine: 1,26 mg/Cigarette
Carbon monoxide: 10,3 mg/Cigarette

I, Carola Göldnitz, of Joh. Wilh. Von Eicken GmbH, Head of Laboratory, certify, that the report correctly records the results of all tests carried out at our laboratory by or on behalf of the Joh. Wilh. Von Eicken GmbH during the year 2008 for the purposes of the Smoke-free environment act 1990.

JOH. WILH. VON EICKEN GmbH


Carola Göldnitz
(Head of Laboratory)

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Lübeck, 20th January 2009

Tobacco Report

Manufacturer: Joh. Wilh. von Eicken GmbH
Drechslerstraße 1
23556 Lübeck
Germany

Brand Name: Ashford Blue
Type of Product: Cigarettes
Calendar year: 2008

Test Results:

Tar:	8,56 mg/Cigarette
Nicotine:	0,87 mg/Cigarette
Carbon monoxide:	9,5 mg/Cigarette

I, Carola Göldnitz, of Joh. Wilh. Von Eicken GmbH, Head of Laboratory, certify, that the report correctly records the results of all tests carried out at our laboratory by or on behalf of the Joh. Wilh. von Eicken GmbH during the year 2008 for the purposes of the Smoke-free environment act 1990.

JOH. WILH. VON EICKEN GmbH


Carola Göldnitz
(Head of Laboratory)

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