

Medications for Hypothyroidism

Some of the Patient Information Leaflets (PIL's) have been obtained from the MHRA website: <https://tinyurl.com/vwh739r>

Levothyroxine

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| Product Name | Eltroxin (Advanz) - 25mcg, 50mcg, 100mcg Tablets |
| Email | medicalinformation@advanzpharma.com |
| Ingredients | Anhydrous levothyroxine sodium, sodium citrate, lactose, maize starch, powdered acacia, magnesium stearate |
| PIL | 25mcg: https://tinyurl.com/svyqwcs 50 & 100 mcg: https://tinyurl.com/wvydd3y |

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| Product Name | Levothyroxine (Advanz) - 25mcg, 50mcg, 100mcg Tablets |
| Email | medicalinformation@advanzpharma.com |
| Ingredients | Anhydrous levothyroxine sodium, sodium citrate, lactose, maize starch, powdered acacia, magnesium stearate |
| PIL | 25mcg: https://tinyurl.com/svyqwcs 50 & 100mcg: https://tinyurl.com/wyym2kq |

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| Product Name | Levothyroxine (Actavis) - 50mcg, 100mcg Tablets |
| Email | medinfo@accord-healthcare.com |
| Ingredients | Anhydrous levothyroxine sodium, lactose, magnesium stearate, maize starch, pregelatinised maize starch, stearic acid |
| Comments | Exactly the same product as Almus and Northstar generic licence tablet numbers: 50mcg: 0142/0104 and 100mcg: 0142/0105 |
| PIL | https://www.medicines.org.uk/emc/files/pil.5805.pdf |

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| Product Name | Levothyroxine (Almus) - 50mcg, 100mcg Tablets |
| Email | medinfo@accord-healthcare.com |
| Ingredients | Anhydrous levothyroxine sodium, lactose, magnesium stearate, maize starch, pregelatinised maize starch, stearic acid |
| Comments | Exactly same product as Actavis and Northstar 50mcg & 100mcg |
| PIL | https://www.medicines.org.uk/emc/files/pil.5805.pdf |

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| Product Name | Levothyroxine (Northstar) - 50mcg, 100mcg Tablets |
| Email | medinfo@accord-healthcare.com |
| Ingredients | Anhydrous levothyroxine sodium, lactose, magnesium stearate, maize starch, stearic acid, pregelatinised maize starch |
| Comments | Exactly same product as Actavis and Almus 50mcg & 100mcg |
| PIL | https://www.medicines.org.uk/emc/files/pil.5805.pdf |

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| Product Name | Levothyroxine (Northstar) - 25mcg Tablets |
| Email | medinfo@tevauk.com |
| Ingredients | Levothyroxine sodium, maize starch, mannitol (E421), microcrystalline cellulose, sodium citrate, acacia, magnesium stearate |
| Comments | Exactly same product as Teva 25mcg |
| PIL | https://tinyurl.com/upaejp3 |

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| Product Name | Levothyroxine (Teva) - 12.5mcg, 25mcg 50mcg, 75mcg, 100mcg Tablets (Lactose Free) |
| Email | medinfo@tevauk.com |
| Ingredients | Levothyroxine sodium, maize starch, mannitol (E421), microcrystalline cellulose, sodium citrate, acacia, magnesium stearate |
| Comments | 25mcg is exactly same product as Northstar 25mcg |
| PIL | https://tinyurl.com/upaejp3 |

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| Product Name | Levothyroxine (Wockhardt) - 25mcg Tablets |
| Email | Drug.Safety@wockhardt.co.uk |
| Ingredients | Levothyroxine sodium, lactose, sucrose (fine powder), maize starch, magnesium stearate |
| PIL | https://tinyurl.com/vaw45wc |

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| Product Name | Levothyroxine (Aristo) - 100mcg Tablets (Lactose Free) |
| Email | info@aristo-pharma.de |
| Ingredients | Anhydrous levothyroxine sodium, microcrystalline cellulose, maize starch, heavy magnesium oxide, sodium starch glycolate type A, magnesium stearate |
| PIL | https://tinyurl.com/wyhg8pr |

Levothyroxine Oral Solutions

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| Product Name | Eltroxin Oral Solution (Advanz) - 25mcg, 50mcg, 100mcg per 5ml (Lactose Free) |
| Email | medicalinformation@advanzpharma.com |
| Website | https://www.advanzpharma.com/ |
| Ingredients | Levothyroxine sodium (each 5ml of oral solution contains levothyroxine equivalent to levothyroxine sodium anhydrous 25mcg, 50mcg or 100mcg) glycerol, citric acid monohydrate, sodium methyl parahydroxybenzoate (E219), sodium hydroxide, purified water |

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| PIL | https://tinyurl.com/wk4x8uw |
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| Product Name | Levothyroxine Oral Solution (Advanz) - 25 mcg, 50mcg, 100mcg per 5 ml (Lactose Free) |
| Email | medicalinformation@advanzpharma.com |
| Ingredients | Levothyroxine sodium (each 5ml of oral solution contains levothyroxine equivalent to levothyroxine sodium anhydrous 25mcg, 50mcg or 100mcg), glycerol, citric acid monohydrate, sodium methyl parahydroxybenzoate (E219), sodium hydroxide, purified water |
| PIL | https://tinyurl.com/wk4x8uw |

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| Product Name | Levothyroxine Oral Solution (Creo) - 25mcg, 50mcg, 100mcg, 125mcg per 5ml (Lactose Free) |
| Email | pv@creopharma.com |
| Ingredients | Levothyroxine sodium (each 5ml of oral solution contains levothyroxine equivalent to levothyroxine sodium anhydrous 25mcg, 50mcg, 100mcg or 125mcg), glycerol, citric acid anhydrous, sodium methyl parahydroxybenzoate (E219), citric acid 10%, purified water |
| PIL | https://www.medicines.org.uk/emc/files/pil.10313.pdf |

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| Product Name | Levothyroxine Oral Solution (Teva) – 25mcg, 50mcg, 100mcg per 5ml (Lactose Free +) |
| Email | medinfo@teva.com |
| Ingredients | Levothyroxine sodium (each 5ml of oral solution contains levothyroxine equivalent to levothyroxine sodium anhydrous 25mcg, 50mcg or 100mcg), glycerol, citric acid monohydrate, sodium methyl parahydroxybenzoate (E219), sodium hydroxide, purified water |
| PIL | https://tinyurl.com/tmqg3aa |

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| Product Name | Levothyroxine Oral Solution (Ten Pharma) - 25 mcg, 50mcg, 100mcg per 5 ml (Lactose Free) |
| Email | medicalinformation@jensongroup.com |
| Ingredients | Levothyroxine sodium (each 5 ml of oral solution contains levothyroxine equivalent to levothyroxine sodium 25mcg, 50mcg or 100mcg), glycerol, citric acid monohydrate, sodium methyl parahydroxybenzoate (E219), sodium propyl parahydroxybenzoate (E217), purified water |
| PIL | 25mcg: https://tinyurl.com/vxbxfv6 50mcg: https://tinyurl.com/rxqjllc 100mcg: https://tinyurl.com/ww8tk32 |

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| Product Name | Levothyroxine Oral Solution (Wockhardt) - 25mcg, 50 mcg, 100mcg per 5ml (Lactose Free) |
| Email | Drug.Safety@wockhardt.co.uk |
| Ingredients | Levothyroxine sodium (each 5ml of oral solution contains levothyroxine equivalent to levothyroxine sodium 25mcg, 50mcg or 100mcg), citric acid monohydrate, sodium methyl parahydroxybenzoate (E219), sodium propyl parahydroxybenzoate, propylene glycol, maltitol liquid, sodium hydroxide, hydrochloric acid, sodium hydroxide, purified water |
| PIL | https://tinyurl.com/vsleb8d |

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| Product Name | Ethypharm Compounded Levothyroxine - Oral Suspension - various strengths and bottle sizes (Lactose Free) |
| Email | connect@ethypharm.com |
| Ingredients | Levothyroxine sodium, mannitol, xanthan gum, parabens, sorbitol syrup, saccharin sodium, ethanol, sterile water |
| Notes | Doctor must write on the prescription the strength, quantity and which filler. Pharmacist must hold an account with Ethypharm. |

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| Product Name | Ethypharm Compounded Levothyroxine - Capsules – various strengths and pack sizes (Lactose Free +) |
| Email | connect@ethypharm.com |
| Ingredients | Levothyroxine sodium plus one filler (see below) – filler should be discussed with your doctor. |
| Notes | All the capsules are gelatin capsules and may contain a variety of fillers (see below) although they may not all be available. |
| | <ul style="list-style-type: none"> • mannitol • calcium phosphate • calcium carbonate • lactose • avicel cellulose • calcium carbonate |
| | Doctor must write on the prescription the strength, quantity and which filler. Pharmacist must hold an account with Ethypharm. |

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| Product Name | Roseway Compounded Levothyroxine Thyroid Suspension (Lactose Free) |
| Email | info@rosewaylabs.com |
| Ingredients | Levothyroxine, almond oil, silica gel, cellulose, vitamin E acetate |
| Notes | A prescription medication that must state strength per ml of T4. 30mls of medication will have the required dosage calibrated to a 1ml dose. The shelf life is 30 days and the medication does not need to be refrigerated |

European Levothyroxine (not licensed in the UK)

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| Product Name | L-Thyroxin (ALIUD[®] PHARMA) - 50mcg, 100mcg Tablets (Lactose Free) |
| Email | info@aliud.de |
| Ingredients | Anhydrous levothyroxine sodium (each tablet contains either 50mcg or 100mcg of levothyroxine sodium), microcrystalline cellulose, magnesium stearate (vegetable origin), colloidal silicon dioxide, pre-gelatinised starch (from maize), talcum |
| Notes | Obtainable by pharmacists holding an account with IDIS. PIL inside the box will be in German |

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| Product Name | L-Thyroxin, Henning (Sanofi-Aventis) - various strengths from 25mcg - 200mcg Tablets (Lactose Free) |
| Email | medinfo.de@sanofi.com |
| Ingredients | Levothyroxine sodium, corn starch, pre-gelatinised starch (maize), microcrystalline cellulose, sodium carbonate, sodium thiosulphate (Ph. Eur.), highly dispersed silica, hydrogenated castor oil |
| Notes | This product is produced by the German branch but the UK company is very helpful (Tel: 01483 505515) |
| PIL | https://tinyurl.com/wfpbqz9 (in German) |

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| Product Name | Euthyrox (Merck) - 25mcg, 50mcg, 75mcg, 88 mcg, 100mcg, 112mcg, 125mcg, 137mcg, 150mcg, 175mcg, 200mcg Tablets (Lactose Free) |
| Email | medical.info.nl@merckgroup.com |
| Ingredients | Levothyroxine sodium, citric acid anhydrous, corn starch, gelatin, magnesium stearate, mannitol, sodium croscarmellose |
| PIL | https://www.drugs.com/pro/euthyrox.html |

American Levothyroxine (not licensed in the UK)

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| Product Name | Levothyroxine (Unithroid) - various strengths between 25mcg - 300mcg Tablets |
| Email | inquiries@jeromestevens.com Distributor: info@gemini-labs.com |
| Ingredients | Levothyroxine sodium, synthetic crystalline L-3,3 ¹ ,5,5 ¹ - tetraiodothyronine sodium salt [levothyroxine (T ₄) sodium], colloidal silicon dioxide, lactose, magnesium stearate, microcrystalline cellulose, corn starch, acacia, sodium starch glycolate (See PIL for colouring information) |
| PIL | https://tinyurl.com/ugj4f9y |

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| Product Name | Levothyroxine (Synthroid) - various strengths between 25mcg - 300mcg Tablets |
| Email | Contact form only on website |
| Website | https://www.synthroid.com/ |
| Ingredients | Synthetic crystalline L-3,3',5,5'- tetraiodothyronine sodium salt [levothyroxine (T4) sodium], acacia, confectioner's sugar (contains corn starch), lactose monohydrate, magnesium stearate, povidone, talc (See PIL for colouring information) |
| PIL | http://www.rxabbvie.com/pdf/synthroid.pdf |

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| Product Name | Levothyroxine (Tirosint) – various strengths from 13mcg - 200mcg Gel Capsules (Lactose Free) |
| Email | info@akrimax.com |
| Ingredients | Levothyroxine sodium, gelatin, glycerin, water |
| PIL | https://tinyurl.com/rqrj9p3 |

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|---------------------|---|
| Product Name | Levothyroxine (Mylan) - various strengths between 25mcg - 300mcg Tablets (Lactose Free) |
| Email | mguk_customer.services@mylan.co.uk |
| Ingredients | Levothyroxine sodium, butylated hydroxyanisole, silicon dioxide, crospovidone, magnesium stearate, mannitol, microcrystalline cellulose, povidone, sodium lauryl sulfate, sucrose |
| PIL | https://tinyurl.com/ula33fc |

UK T3 (Liothyronine) Replacements

The half-life of T3 is one to two days, so you would get the maximum benefit of this after two to three days and the duration of effectiveness is up to three days after stopping T3.

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| Product Name | Liothyronine (Tertroxin) (Advanz) - 20mcg Tablets |
| Email | medicalinformation@advanzpharma.com |
| Ingredients | Liothyronine sodium, lactose, maize starch, acacia powder, sodium chloride, magnesium stearate, industrial methylated spirit, purified water |
| Comments | This only comes in 20mcg tablets, which generally need to be cut in half or quartered for use with thyroxine |
| PIL | https://tinyurl.com/s6dzo32 |

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| Product Name | Roseway Compounded Liothyronine Thyroid Suspension (Lactose Free) |
| Email | info@rosewaylabs.com |
| Ingredients | Liothyronine, almond oil, silica gel, cellulose, vitamin E acetate |
| Notes | A prescription medication that must state strength per ml of T3. 30mls of medication will have the required dosage calibrated to a 1ml dose. The shelf life is 30 days and the medication does not need to be refrigerated |

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| Product Name | Liothyronine (Teva) - 20mcg Tablets (Lactose Free) |
| Website | www.tevauk.com |
| Email | medinfo@tevauk.com |
| Ingredients | Liothyronine sodium, microcrystalline cellulose, maize starch, pregelatinised starch, colloidal anhydrous silica, magnesium stearate |
| PIL | https://tinyurl.com/surua9o |

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| Product Name | Liothyronine (Iraskin) (Morningside) – 5mcg, 10mcg, 20mcg Tablets |
| Email | medicalenquiry@morningsidehealthcare.com |
| Ingredients | Liothyronine sodium, lactose monohydrate, partially pregelatinised maize starch, spray dried acacia, sodium chloride, magnesium stearate |
| PIL | https://tinyurl.com/vpczq5j |

European T3 (Liothyronine) Replacements

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| Product Name | Thybon, Hennings (Sanofi-Aventis) - 20mcg, 100mcg Tablets (Lactose Free) |
| Email | medinfo.de@sanofi.com |
| Ingredients | Liothyronine hydrochloride, pregelatinised starch (corn), corn starch, microcrystalline cellulose, sodium carbonates, sodium thiosulphate 5 H ₂ O (Ph Eur), fumed silica, hydrogenated castor oil |
| PIL | https://tinyurl.com/u462b8y (in German) |

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| Product Name | Slow Release T3 (compounded) (Lactose Free) |
| Email | info@receptura.de |
| Ingredients | Liothyronine, hydroxypropylmethyl cellulose. Capsule is made of cellulose. |

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| Product Name | Tiromel (Abdi Ibrahim) - 25mcg Tablets |
| Email | info@abdiibrahim.com.tr |
| Ingredients | Liothyronine sodium, lactose, polyvinylpyrrolidone, starch, magnesium stearate |

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| Product Name | Liotir Oral Solution (IBSA) – 5mcg (7 drops diluted in a little water), 10mcg, 15mcg, 20mcg |
| Email | info@ibsa.it |
| Ingredients | Liothyronine sodium, ethanol (96%), glycerol (85%) |
| PIL | https://edoc.com/liotir |

American T3 (Liothyronine) Replacements

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| Product Name | Cytomel (King Pharmaceuticals) - 5mcg, 25mcg, 50mcg Tablets (Lactose Free) |
| Email | http://www.pfizer.com/contact/contact_us_support |
| Website | http://www.pfizer.com/ |
| Ingredients | Liothyronine sodium, calcium sulphate, gelatin, corn starch, stearic acid, sucrose, talc |
| Comments | Comes in 5mcg tablets, which some people find much easier. Pfizer have taken over King Pharmaceuticals. Note: We have been unable to confirm if King Pharmaceuticals have a TSE certificate which is required for import into the UK |
| PIL | http://labeling.pfizer.com/ShowLabeling.aspx?id=703 |

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| Product Name | Liothyronine (Mylan) - 5mcg, 25mcg, 50mcg Tablets (Lactose Free) |
| Email | mguk_customer.services@mylan.co.uk |
| Ingredients | Liothyronine sodium, calcium sulfate anhydrous, gelatin, pregelatinized starch, stearic acid, sucrose, talc |
| PIL | https://tinyurl.com/slrudqn |

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| Product Name | Liothyronine (Mayne Pharma) - 5mcg, 25mcg, 50mcg Tablets (Lactose Free) |
| Email | maynepharma@dlss.com |
| Ingredients | Liothyronine sodium, calcium sulfate, microcrystalline cellulose, hypromellose, talc, silicon dioxide |
| PIL | https://tinyurl.com/wgdtrgp |

Synthetic Combination Replacements

Not generally available on the NHS in the UK unless you can persuade your GP to prescribe on a “named patient” basis. These may be available from a private doctor (although they usually prefer the natural thyroid). This product would be a good idea for people who are allergic to pork and therefore who can’t take any of the natural thyroid hormones.

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| Product Name | Roseway Compounded Levothyroxine plus Liothyronine Thyroid Suspension (Lactose Free) |
| Email | info@rosewaylabs.com |
| Ingredients | Levothyroxine, liothyronine, almond oil, silica gel, cellulose, vitamin E acetate |
| Notes | A prescription medication that must state strength per ml of T4 and/or T3. 30mls of medication will have the required dosage calibrated to a 1ml dose. The shelf life is 30 days and the medication does not need to be refrigerated |

European Brand (not licensed in the UK)

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| Product Name | Novothyral (Merck Serono GmbH) - 75mcg, 100mcg Tablets |
| Email | medicalpartner@merckserono.de |
| Manufacturers | Merck KGaA, Frankfurter Straße 250, 64293 Darmstadt |
| Ingredients | Levothyroxine Sodium (T4), Liothyronine Sodium (T3), Lactose Monohydrate, Maize Starch, Gelatin, Croscarmellose Sodium, Magnesium Stearate |
| Details | 1 tablet Novothyral 75mcg contains 75mcg levothyroxine sodium and 15mcg liothyronine sodium 1 tablet Novothyral 100mcg contains 100mcg levothyroxine sodium and 20 mcg liothyronine sodium |
| PIL | https://tinyurl.com/rlg9vtp |

Natural Thyroid Hormone Replacements

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| Product Name | Armour Thyroid - various strengths from 15mg (¼ grain) - 300mg (5 grains) Tablets (Lactose Free) |
| Email | Not known |
| Website | www.allergan.com/products/key-products/product-prescribing |
| Ingredients | Thyroid tablets, USP (38 mcg levothyroxine (T4) and 9 mcg liothyronine (T3) per 60mg (1 grain) of thyroid), calcium stearate, dextrose, microcrystalline cellulose, sodium starch glycolate, opadry white |
| Details | Armour contains approximately 38mcg T4 and 9mcg T3 plus an X factor (something not yet understood). This means that patients taking Armour Thyroid are automatically getting T3 immediately into the system |
| PIL | https://www.allergan.com/assets/pdf/armourthyroid_pi |

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| Product Name | Nature-Throid® - various strengths from 16.25 mg (¼ grain) - 325mg (5 grains) Tablets |
| Email | http://getrealthyroid.com/get-real-now/contact-us/ |
| Ingredients | Thyroid USP, colloidal silicon dioxide, dicalcium phosphate, lactose monohydrate*, magnesium stearate, microcrystalline cellulose, croscarmellose sodium, stearic acid, opadry II 85F19316 clear. * Present in traceable amount as part of Thyroid USP (diluent). |
| Details | Nature-Throid® (Thyroid USP) tablets, micro-coated, easy to swallow with a reduced odour, for oral use are natural preparations derived from porcine thyroid glands (T3 liothyronine is approximately four times as potent as T4 levothyroxine on a microgram for microgram basis). They provide 38 mcg levothyroxine (T4) and 9 mcg liothyronine (T3) for each 65 mg (1 Grain) of the labelled content of thyroid |
| PIL | https://getrealthyroid.com/assets/docs/Nature-Throid-Prescribing-Information.pdf |

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|---------------------|---|
| Product Name | WP Thyroid - various strengths from 16.25 mg (¼ grain) - 130mg (2 grains) Tablets |
| Email | http://getrealthyroid.com/get-real-now/contact-us/ |
| Ingredients | Thyroid USP, inulin, medium chain triglycerides, lactose monohydrate* *Present in traceable amount as part of Thyroid USP (diluent) |
| Details | WP Thyroid tablets are natural preparations derived from porcine thyroid glands. (T3 liothyronine is approximately four times as potent as T4 levothyroxine on a microgram for microgram basis.) They provide 38 mcg levothyroxine (T4) and 9 mcg liothyronine (T3) for each 65 mg (1 Grain) of the labelled content of thyroid |
| PIL | https://getrealthyroid.com/assets/docs/WP-Thyroid-Prescribing-Information.pdf |

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|---------------------|---|
| Product Name | NP Thyroid - 30mg, 60mg, 90mg, 120mg Tablets (Lactose Free) |
| Email | npthyroid@acellapharma.com . |
| Ingredients | 38 mcg levothyroxine (T4) and 9 mcg liothyronine (T3) per grain of thyroid (or per 60 mg of the labelled amount of thyroid), calcium stearate, dextrose (agglomerated), mineral oil |
| PIL | https://npthyroid.com/wp-content/uploads/2018/03/AC-015_NPThyroid_WebPI.pdf |

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| Product Name | THYROID® - 30mg, 60mg, 125mg Tablets |
| Email | General Questions: info@ECI2012.net Medical Questions: psq@ECI2012.net |
| Ingredients | Thyroid tablets, USP (35 mcg levothyroxine (T4) and 8 mcg liothyronine (T3) per 60mg (1 grain) of thyroid), desiccated thyroid containing lactose, derived from porcine thyroid glands, cornstarch, magnesium stearate, sugar, talc |
| Details | Gluten, paraben, sulfite and tartrazine free |
| PIL | http://eci2012.net/wp-content/uploads/2015/11/Thyroid-Product-Monograph-En-PCR-15-084.pdf |

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