



# PRODUCT LIST

## 2023



Ransom Naturals Ltd (RNL) is one of Europe's leading GMP accredited developers and manufacturers of herbal API's for the pharmaceutical industry and premium extracts with labelling advantage in the Food & Beverage market.

- UK GMP manufacturing site
- Stable & reliable partner
- Laboratory development, scale up, through to full GMP commercial production
- Kosher certified site – certification can be achieved for all suitable extracts
- Technical & Regulatory Support
- Commercial team across Europe and global distribution network



## BOTANICAL EXTRACTS FOR USE AS ACTIVE PHARMACEUTICAL INGREDIENTS (API'S) WITH FULL ASMF SUPPORT

Product Name	Botanical Name	Typical Indication / Use
Arnica Tincture BP/Ph. Eur.	<i>Arnica montana</i> L.	Stimulant and aid to healing bruising and muscle pain. Typically used in topical applications.
Capsicum Oleoresin 2.0% Refined and Standardised	<i>Capsicum annuum</i> L. or <i>Capsicum frutescens</i> L.	Counterirritant, analgesic, antirheumatic. Typically used in topical applications.
Capsicum Oleoresin 8.4% Refined and Standardised (Capsicum Oleoresin BP)	<i>Capsicum annuum</i> L. or <i>Capsicum frutescens</i> L.	Counterirritant, analgesic, antirheumatic. Typically used in topical applications.
Capsicum Oleoresin 12.6% Refined and Standardised Ph. Eur.	<i>Capsicum annuum</i> L. or <i>Capsicum frutescens</i> L.	Counterirritant, analgesic, antirheumatic. Typically used in topical applications.
Standardised Capsicum Soft Extract Ph. Eur.	<i>Capsicum annuum</i> L. or <i>Capsicum frutescens</i> L.	Counterirritant, analgesic, antirheumatic. Typically used in topical applications.
Strong Ginger Tincture BP	<i>Zingiber officinale</i> Roscoe	Carminative, anti-emetic, spasmolytic, anti-flatulent, antitussive. Typically used in oral applications.
Ipecacuanha Liquid Extract BP	<i>Carapichea ipecacuanha</i> (Brot.) L. Andersson	Expectorant. Typically used in oral applications.
Liquorice Liquid Extract BP	<i>Glycyrrhiza glabra</i> L., <i>Glycyrrhiza inflata</i> Bat., <i>Glycyrrhiza uralensis</i> Fisch.	Demulcent, anti-inflammatory, expectorant, antitussive, spasmolytic. Typically used in topical and oral applications.
Peru Balsam BP/Ph. Eur.	<i>Myroxylon balsamum</i> (L.) Harms var. <i>pereirae</i> (Royle) Harms	Stimulant, expectorant, antiseptic. Typically used in topical applications.



## BOTANICAL EXTRACTS FOR TREATMENT OF MUSCULOSKELETAL DISORDERS

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Arnica (Mexican)	<i>Heterotheca inuloides</i> Cass.	Flower	Soft Extract	Stimulant and aid to healing bruising and muscle pain.
Arnica	<i>Arnica montana</i> L.	Flower	Tincture	Stimulant and aid to healing bruising and muscle pain.
Capsicum, Chilli pepper	<i>Capsicum annuum</i> L. or <i>Capsicum frutescens</i> L.	Fruit	Oleoresin, Soft Extract	Counterirritant, analgesic, antirheumatic. Ingredient in cough/cold products.
Corydalis	<i>Corydalis yanhusuo</i> (Y.H.Chou & Chun C.Hsu) W.T.Wang ex Z.Y.Su & C.Y.Wu	Rhizome	Liquid Extract	Used in traditional Chinese medicine for the treatment of pain, particularly period pain.
Devil's Claw	<i>Harpagophytum procumbens</i> DC. and/or <i>Harpagophytum zeyheri</i> Decne.	Root	Liquid Extract	Anti-inflammatory, antirheumatic, analgesic, sedative; treatment of arthritis and mild digestive disorders.



## BOTANICAL EXTRACTS FOR TREATMENT OF CARDIOVASCULAR DISORDERS

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Ashwagandha	<i>Withania somnifera</i> (L.) Dunal	Root	Soft Extract	Adaptogen, sedative, anti-inflammatory, hypotensive, immunomodulatory.
Grapevine	<i>Vitis vinifera</i> L.	Leaf	Liquid & Dry Extract	Venous insufficiency, varicose veins.
Hawthorn	<i>Crataegus monogyna</i> Jacq. (Lindm.), <i>C. laevigata</i> (Poir.) DC. or their hybrids	Leaf & Flower	Liquid & Dry Extract	Cardiotonic, hypotensive, anti-arrhythmic, sedative.
Horse Chestnut	<i>Aesculus hippocastanum</i> L.	Seed	Liquid & Dry Extract	Anti-inflammatory, venotonic, astringent.
Passionflower	<i>Passiflora edulis</i> Sims	Herb	Dry Extract	Sedative, hypnotic, antispasmodic, hypotensive. Treatment of mild anxiety and sleep disorders.



## BOTANICAL EXTRACTS FOR TREATMENT OF ANXIETY AND SLEEP DISORDERS

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Ashwagandha	<i>Withania somnifera</i> (L.) Dunal	Root	Soft Extract	Adaptogen, sedative, anti-inflammatory, hypotensive, immunomodulatory.
Chamomile (German)	<i>Matricaria recutita</i> L.	Flower	Tincture	Gastrointestinal spasms, skin & mucous membrane inflammations.
Lemon Balm, Melissa	<i>Melissa officinalis</i> L.	Herb	Liquid & Dry Extract	Carminative, sedative, diaphoretic, febrifuge.
Hawthorn	<i>Crataegus monogyna</i> Jacq. (Lindm.), <i>C. laevigata</i> (Poir.) DC. or their hybrids	Leaf & Flower	Liquid & Dry Extract	Cardiotonic, hypotensive, anti-arrhythmic, sedative.
Hops	<i>Humulus lupulus</i> L.	Flower	Soft Extract	Sedative, hypnotic, antibacterial. Treatment of mild anxiety and sleep disorders.
Passionflower	<i>Passiflora incarnata</i> L.	Herb	Dry Extract	Sedative, hypnotic, antispasmodic, hypotensive. Treatment of mild anxiety and sleep disorders.
Valerian	<i>Valeriana officinalis</i> L.	Root	Soft & Dry Extract	Sedative, hypnotic, hypotensive. Mild anxiety, sleep disorders.



## BOTANICAL EXTRACTS FOR TREATMENT OF COUGH AND COLD

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Benzoin (Sumatra)	<i>Styrax benzoin</i> Dryand.	Exudate	Soft Extract, Tincture	Antiseptic in topical products, used in oral cough/sore throat products.
Capsicum, Chilli pepper	<i>Capsicum annum</i> L. or <i>Capsicum frutescens</i> L.	Fruit	Tincture	Counterirritant, analgesic, antirheumatic. Ingredient in cough/cold products.
Cocillana, Guapi Bark	<i>Guarea guidonia</i> (L.) Sleumer	Bark	Liquid Extract	Expectorant in cough preparations.
Elder	<i>Sambucus nigra</i> L.	Flower	Liquid & Dry Extract	Alterative, diuretic, anti-inflammatory.
Euphorbia, Asthma Weed	<i>Euphorbia hirta</i> L.	Herb	Soft Extract	Anti-asthmatic. Used in cough preparations.
Ginger	<i>Zingiber officinale</i> Roscoe	Rhizome	Tincture	Carminative, anti-emetic, spasmolytic, anti-flatulent, antitussive.
Ipecacuanha	<i>Carapichea ipecacuanha</i> (Brot.) L. Andersson	Root	Soft & Liquid Extract, Tincture	Expectorant in cough preparations.
Liquorice	<i>Glycyrrhiza glabra</i> L., <i>Glycyrrhiza inflata</i> Bat., <i>Glycyrrhiza uralensis</i> Fisch.	Root and stolons	Liquid Extract	Demulcent, anti-inflammatory, expectorant, antitussive, spasmolytic.
Myrrh	<i>Commiphora myrrha</i> (Nees) Engl.	Exudate	Tincture	Stimulant, expectorant, antiseptic, anti-inflammatory, antispasmodic, carminative.
Senega (Chinese)	<i>Polygala tenuifolia</i> Willd.	Root	Soft & Liquid Extract, Tincture	Expectorant.
Senega (North American)	<i>Polygala senega</i> L.	Root	Liquid Extract	Expectorant.
Squill	<i>Drimia maritima</i> (L.) Stearn	Bulb	Soft & Liquid Extract, Tincture, Oxymel	Expectorant, diuretic, cardiac tonic.
Thyme	<i>Thymus vulgaris</i> L. or <i>Thymus zygis</i> L.	Leaf & Flower	Liquid & Dry Extract	Carminative, antiseptic, antitussive, expectorant.
Wild Cherry	<i>Prunus serotina</i> Ehrh.	Bark	Syrup	Antitussive, sedative, astringent.



## BOTANICAL EXTRACTS FOR TREATMENT OF GASTROINTESTINAL DISORDERS

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Belladonna	<i>Atropa belladonna</i> L.	Herb	Tincture	Antispasmodic.
Chamomile (German)	<i>Matricaria recutita</i> L.	Flower	Tincture	Gastrointestinal spasms, skin & mucous membrane inflammations.
Gentian	<i>Gentiana lutea</i> L.	Root	Soft Extract, Tincture	Tonic for digestive complaints, bitter, appetite stimulant.
Ginger	<i>Zingiber officinale</i> Roscoe	Rhizome	Tincture	Carminative, anti-emetic, spasmolytic, anti-flatulent, antitussive.
Lemon Balm, Melissa	<i>Melissa officinalis</i> L.	Herb	Liquid & Dry Extract	Carminative, sedative, diaphoretic, febrifuge.
Liquorice	<i>Glycyrrhiza glabra</i> L., <i>Glycyrrhiza inflata</i> Bat., <i>Glycyrrhiza uralensis</i> Fisch.	Root and stolons	Liquid Extract	Demulcent, anti-inflammatory, expectorant, antitussive, spasmolytic.
Myrrh	<i>Commiphora myrrha</i> (Nees) Engl.	Exudate	Tincture	Stimulant, expectorant, antiseptic, anti-inflammatory, antispasmodic, carminative.
Orange (Bitter)	<i>Citrus aurantium</i> L. ssp. <i>aurantium</i>	Peel	Soft Extract, Tincture	Carminative, aromatic, stomachic.
Passionflower	<i>Passiflora edulis</i> Sims	Herb	Soft & Dry Extract	Sedative, hypnotic, antispasmodic, hypotensive.
Rhubarb	<i>Rheum officinale</i> Baill.	Root	Soft Extract, Tincture	Astringent, aperient, tonic, stomachic.
Thyme	<i>Thymus vulgaris</i> L. or <i>Thymus zygis</i> L.	Leaf & Flower	Liquid & Dry Extract	Carminative, antiseptic, antitussive, expectorant.



## BOTANICAL EXTRACTS FOR OTHER USES

Common Name	Botanical Name	Part Used	Available Forms	Typical Indication / Use
Benzoin (Sumatra)	<i>Styrax benzoin</i> Dryand.	Exudate	Soft Extract, Tincture	Antiseptic in topical products.
Chamomile (German)	<i>Matricaria recutita</i> L.	Flower	Tincture	Skin & mucous membrane inflammations.
Cinchona	<i>Cinchona pubescens</i> Vahl	Bark	Soft Extract	Antimalarial, febrifuge, tonic, orexigenic, spasmolytic and astringent.
Liquorice	<i>Glycyrrhiza glabra</i> L., <i>Glycyrrhiza inflata</i> Bat., <i>Glycyrrhiza uralensis</i> Fisch.	Root and stolons	Liquid Extract	Demulcent, anti-inflammatory.
Quassia, Bitter Wood	<i>Picrasma excelsa</i> (Sw.) Planch	Wood	Soft & Liquid Extract	Tonic, bitter, anthelmintic.
Rhatany, Krameria	<i>Krameria triandra</i> Ruiz et Pav	Root	Tincture	Astringent.
Uva Ursi, Bearberry	<i>Arctostaphylos uva-ursi</i> (L.) Spreng.	Leaf	Dry Extract	Urinary antiseptic and diuretic.



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