

LAB REPORT

FROM THE DE LORENZO LABORATORY & EVALUATION

PRESCRIPTIVE SOLUTIONS

De Lorenzo's Prescriptive Solutions is a premium range based on high performance, botanical ingredient complexes with advanced sulfate and paraben-free formulations to maintain The Four Natural Balances™ for healthy hair including Protein, Moisture, Natural Oils and pH Balance. The brilliance in formulating a superior haircare range is the ability to address the needs of the individual's hair type, allowing the hairdresser to design a personalised program. Prescriptive Solutions products offer real solutions for those clients seeking gentler alternatives and who expect more from luxury products.

The Prescriptive Solutions sulfate-free shampoos possess excellent foaming and produce a rich, luxurious lather. The mild fade-fighting formulas minimise colour loss due to frequent shampooing and are less harsh on hair and scalp, when compared to the traditional sulfate shampoos.

The Prescriptive Solutions conditioners contain Cacay Oil, one of the Amazon's best kept secrets. Obtained from the nut of the tree, Cacay Oil is a clinically proven anti-aging ingredient. It is richer in vitamin E and F (the ultimate vitamins for dry hair), than Argan Oil, and contains more Vitamin A (Retinol) than Rosehip Oil. Cacay Oil nourishes and protects hair from damage caused through aging including, dryness, cuticle cracks and hair breakage. The conditioners are also infused with organic liquid crystals to boost hydration by 70%, provide smoothness, shine and deliver specialised actives to restore hair.

The botanical formulations created for the Prescriptive Solutions Moisture Repair products hydrate, repair and soften the hair, leaving less frizz, for better control and luminosity. These powerful moisturisers protect hair from pollutants including, U.V and micro particulates that leave the hair damaged, brittle and dull. Cacay Oil nourishes and provides shine. By using this precious oil we are helping forest 5000 hectares of Cacay Trees in Colombia's Amazon region, generating income for underprivileged families.



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Use the Prescriptive Solutions Range of products to perfectly tailor hair needs and maintain The Four Natural Balances™, including:

- Providing protein for strength, elasticity and repair
- Binding essential moisture for softness and manageability
- Regulating excess scalp oil
- Maintaining the pH of the acid mantle for mildness, shine and condition

Powerful Complexes

- Prescriptive Solutions contains powerful complexes for controlling and balancing the hair and scalp and protecting against the harsh Australian climate;
- Anti-Aging: containing ceramides, Glycolic Acid and Cacay Oil. Traps moisture, nourishes and cements the cuticle cells to repair hair and prevent breakage, leaving it smooth and shiny.
- Sebum Regulating: includes Watercress, Ivy and Rocket which are rich in sulfur, known to treat seborrhea (oily scalp) conditions and prevent excessive oil build up. Provides antibacterial and astringent properties to keep scalp clean and odour free.
- Phyto-Strengthening: contains the renowned Protein Complex with added Phyto Protein Polymer to repair and increase the strength of hair by up to 3 times.
- Anti-Pollutant: containing Olive Leaf, Quandong, Kakadu Plum, Lemon Aspen and Tocopherol. Prevents the deposition of micro-particles and gases such as car fumes, heavy metals, dirt, smoke and UV radiation from the environment. These aggressors cause colour fade and damage the hair structure.

Pollution

Hair is constantly exposed to sun, gases, particulate matter and water. Collectively these damaging particles are known as free-radicals. Why is this relevant to hair? Hair, particularly long, aged hair, has to withstand contact with the environment for years, compared to skin, which is renewed in less than a month. Skin has mechanisms to fight against such aggressors unlike hair. Gases such as exhaust gas, cigarette smoke, industrial vapours and household cooking contain oxidants that destroy hair by breaking bonds and introducing oxygen to the lipid layer (18-MEA). As a result, the hair is more hydrophilic (water loving) in nature and therefore the lipids wash out more easily. Losing this hydrophobic (water hating) barrier leaves it susceptible to breakage and colour fade. Particles such as dust and heavy metals, fix onto hair making it dull in appearance, dry to the touch with reduced volume.



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PRODUCT RANGE



Prescriptive Solutions Moisture Balance Range

Moisture Balance is inspired by the deserts of Australia with Kakadu Plum, Wattle Seed, Quandong and Desert Lime extracts. The range binds and replenishes lost moisture, conditions and reinforces dry, damaged and aged hair. The products target colour protection for longevity, vibrancy and brilliant shine.

- Moisture Balance Shampoo for normal to dry, damaged and coloured hair
- Moisture Revive Conditioner for normal to dry, slightly damaged and coloured hair. Moisture Factor = 4
- Moisture Intense Conditioner for coarse, dry, damaged and coloured hair. Moisture Factor = 8



Prescriptive Solutions Control Range

Control is inspired by the rainforests of Australia, with Lemon Aspen, Davidon Plum and Lilly Pilly extracts. The range combats oily roots and fly-aways, whilst providing light weight conditioning to hair. The products target colour protection for longevity, vibrancy and brilliant shine.

- Control Shampoo for fine, limp, oily and coloured hair
- Control Revive Conditioner for fine, limp, oily and coloured hair. Control Factor = 3
- Control Intense Conditioner for fine, limp, very oily and coloured hair. Control Factor = 6



Prescriptive Solutions Moisture Repair

- Revive Moisture Repair for fine, normal and dry hair. Moisture Factor = 4
- Intense Moisture Repair for extra dry, damaged and aged hair. Moisture Factor = 8



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KEY NATURAL INGREDIENTS



Kakadu Plum

The world's richest source of Vitamin C, ethically sourced from Outback Spirit, an Australian fair trade company that wild harvests natural extracts in a sustainable manner, without degradation to the local environment. Kakadu Plum protects against UV and pollution damage.



Sunflower Seed Cake

Sunflower Seed Cake inhibits the photo-oxidation caused by the sun's rays and therefore extends the life and look of colour in the hair. It can be seen as a 'colour stabiliser' and is more effective than Vitamin E. It also prevents colour loss from repeated shampooing.



Olive Leaf Extract

Olive Leaf Extract has an antioxidant capacity 400% higher than Vitamin C and almost double that of Green Tea or Grape Seed Extract. When the sun hits the olive leaf a vapour is released which scavenges free radicals.

INGREDIENTS

Moisture Balance Shampoo

Ingredients: Water (Aqua), Sodium Cocoyl Isethionate, Cocamidopropyl Betaine, Decyl Glucoside, Glycol Stearate, Sodium Cocoyl Glycinate, Cocamide MEA, Polyquaternium-44, Amodimethicone (and) Laureth-9 (and) Glycerin (and) Trideceth-12, Cetyl Alcohol, Sodium Benzoate, Methyl Hydroxyethyl Cellulose, Glycolic Acid, Guar Hydroxypropyltrimonium Chloride, Hydrolyzed Soy Protein, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Allantoin, Aloe Barbadensis Leaf Juice, Wheat Amino Acids, Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein, Citrus Glauca (Desert Lime) Fruit Extract (and) Santalum Acuminatum (Quandong) Fruit Extract (and) Acacia Victoriae (Wattle) Seed Extract, Terminalia Ferdinandiana (Kakadu Plum) Fruit Extract, Chamomilla Recutita Flower Extract, Arnica Montana Flower Extract, PEG-8/SMDI Copolymer (and) Palmitoyl Myristyl Serinate (and) Sodium Polyacrylate, Disodium EDTA, Quaternium 91 (and) PPG-3 Benzyl Ether Myristate, Tocopherol, Helianthus Annuus (Sunflower) Seed Cake Extract, Sodium Chloride, Laureth-4, Fragrance, Sodium Citrate, Citric Acid, Caryodendron Orinocense (Cacay) Seed Oil, Olea Europaea (Olive) Leaf Extract, Quillaia Saponaria (Soap Bark) Extract.



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INGREDIENTS

Moisture Balance Revive Conditioner

Ingredients: Water (aqua), Cetearyl Alcohol, Brassicamidopropyl Dimethylamine, Glyceryl Stearate (and) Peg-100 Stearate, Glycerin, Cetrimonium Chloride, Hydroxypropyl Starch Phosphate, Distearyltrimonium Chloride, Hydrogenated Olive Oil (and) Olea Europaea (Olive) Fruit Oil (and) Olive Europaea (Olive) Oil Unsaponifiables, Amodimethicone, Quaternium-80, Quaternium 91 (and) Cetrimonium Methosulfate, Helianthus Annuus (Sunflower) Seed Oil, Glycine Soja (Soy) bean Oil, Sodium Benzoate, Fragrance, Triticum Vulgare (Wheat) Germ Oil, Glutamic Acid, Behentrimonium Chloride, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, Cocodimonium Hydrolyzed Whole Wheat Protein, Wheat Amino Acids, Citric Acid, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Helianthus Annuus (Sunflower) Seed cake Extract, PEG 8/SMDI Copolymer, Palmitoyl Myristyl Serinate, Sodium polyacrylate, Tocopherol, Allantoin, Acacia Victoriae (Wattle) Seed Extract, Cinnamidopropyltrimonium Chloride, Caryodendron Orinocense (Cacay) Seed Oil, Citrus Glauca (Desert Lime) Fruit Extract, Santalum Acuminatum (Quandong) Fruit Extract, Terminalia Ferdinandiana (Kakadu Plum) Fruit Extract, Chamomilla Recutita Flower Extract, Arnica Montana Flower Extract, Equisetum Arvense (Horsetail) Leaf Extract, Aloe Barbadensis Leaf Extract, Inositol, Sodium Citrate, Olea Europaea (Olive) Leaf Extract.

Moisture Balance Intense Conditioner

Ingredients: Water (aqua), Cetearyl Alcohol, Glyceryl Stearate (and) Peg-100 Stearate, Distearyltrimonium Chloride, Glycerin, Hydrogenated Olive Oil (and) Olea Europaea (Olive) Fruit Oil (and) Olive Europaea (Olive) Oil Unsaponifiables, Hydroxypropyl Starch Phosphate, Brassicamidopropyl Dimethylamine, Amodimethicone, Quaternium-80, Cetrimonium Chloride, Quaternium 91 (and) Cetrimonium Methosulfate, Helianthus Annuus (Sunflower) Seed Oil, Glycine Soja (Soy) bean Oil, Triticum Vulgare (Wheat) Germ Oil, Sodium Benzoate, Behentrimonium Chloride, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, Cocodimonium Hydrolyzed Whole Wheat Protein, Wheat Amino Acids, Citric Acid, Caryodendron Orinocense (Cacay) Seed Oil, Glutamic Acid, Tocopherol, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Helianthus Annuus (Sunflower) Seed cake Extract, PEG 8/SMDI Copolymer, Palmitoyl Myristyl Serinate, Sodium polyacrylate, Allantoin, Acacia Victoriae (Wattle) Seed Extract, Cinnamidopropyltrimonium Chloride, Citrus Glauca (Desert Lime) Fruit Extract, Santalum Acuminatum (Quandong) Fruit Extract, Terminalia Ferdinandiana (Kakadu Plum) Fruit Extract, Chamomilla Recutita Flower Extract, Arnica Montana Flower Extract, Equisetum Arvense (Horsetail) Leaf Extract, Aloe Barbadensis Leaf Extract, Inositol, Sodium Citrate, Olea Europaea (Olive) Leaf Extract.

Control Shampoo

Ingredients: Water (Aqua), Sodium Cocoyl Isethionate, Cocamidopropyl Betaine, Decyl Glucoside, Glycol Stearate, Sodium Cocoyl Glycinate, Cocamide MEA, PEG-6 Isolauryl Thioether, Sodium Benzoate, Glycolic Acid, Glycerin, Methyl Hydroxyethyl Cellulose, Guar Hydroxypropyltrimonium Chloride, Acronychia Acidula (Lemon Aspen) Fruit Extract, Davidsonia Pruriens (Davidson Plum) Fruit Extract, Syzygium Luehmanii (Lilly Pilly) Fruit Extract, Hydrolyzed Soy Protein, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Wheat Amino Acids, Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein, PEG-8/SMDI Copolymer (and) Palmitoyl Myristyl Serinate (and) Sodium Polyacrylate, EDTA, Urtica Dioica (Nettle) Leaf Extract, Achillea Millefolium (Yarrow) Flower Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Salvia Officinalis (Sage) Leaf Extract, Betula Alba (Birch) Bark Extract, Tilia Cordata (Linden) Flower Extract, Equisetum Arvense (Horsetail) Leaf Extract, Quaternium 91 (and) PPG-3 Benzyl Ether Myristate, Helianthus Annuus (Sunflower) Seed Cake Extract, Ammonium Chloride, Laureth-4, Fragrance, Sodium Citrate, Citric Acid, Inositol, Calcium Pantothenate, Eruca Sativa (Rocket) Leaf Extract, Nasturtium Officinale (Watercress) Leaf Extract, Hedera Helix (Ivy) Leaf/Stem Extract, Tocopherol, Olea Europaea (Olive) Leaf Extract.



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INGREDIENTS

Control Revive Conditioner

Ingredients: Water (Aqua), Cetearyl Alcohol, PEG-6 Isolauryl Thioether, Isopropyl Myristate, Amodimethicone, Glyceryl Stearate (and) PEG-100 Stearate, Distearaldimonium Chloride, Stearalkonium Chloride, Behentrimonium Methosulfate, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, COCODIMONIUM Hydrolyzed Whole Wheat Protein, Wheat Amino Acids, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Calcium Pantothenate, Cinnamidopropyltrimonium Chloride, Inositol, Eruca Sativa (rocket) Leaf Extract, Nasturtium Officinale (Watercress) Leaf Extract, Hedera Helix (Ivy) Leaf/Stem Extract, Helianthus Annuus (sunflower) Seed Cake Extract, Tocopherol, Acronychia Acidula (Lemon Aspen) Fruit Extract, Davidsonia Pruriens (Davidson Plum) Extract, Syzygium Luehmanii (Lilly Pilly) Fruit Extract, Urtica DIOICA (Nettle) Leaf Extract, Achillea Millefolium (Yarrow) Flower Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Salvia OFFICINALIS (Sage) Leaf Extract, Betula Alba (Birch) Bark Extract, Tilia Cordata (Linden) Flower Extract, Equisetum Arvense (Horsetail) Leaf Extract, PEG 8/SMDI Copolymer, Palmitoyl Myristyl Serinate, Sodium polyacrylate, Hydrogenated Olive Oil (and) Olea Europaea (Olive) Fruit Oil (and) Olive Europaea (Olive) Oil Unsaponifiables, Olea Europaea (Olive) Leaf Extract, Sodium Benzoate, Fragrance, Citric Acid, Sodium Citrate.

Control Intense Conditioner

Ingredients: Water (Aqua), Cetearyl Alcohol, PEG-6 Isolauryl Thioether, Isopropyl Myristate, Amodimethicone, Glyceryl Stearate (and) PEG-100 Stearate, Distearaldimonium Chloride, Stearalkonium Chloride, Behentrimonium Methosulfate, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, Cocodimonium Hydrolyzed Whole Wheat Protein, Wheat Amino Acids, Hydrolyzed Vegetable Protein PG-Propyl Silanetriol, Calcium Pantothenate, Cinnamidopropyltrimonium Chloride, Inositol, Eruca Sativa (rocket) Leaf Extract, Nasturtium Officinale (Watercress) Leaf Extract, Hedera Helix (Ivy) Leaf/stem Extract, Helianthus Annuus (sunflower) Seed Cake Extract, Tocopherol, Acronychia Acidula (Lemon Aspen) Fruit Extract, Davidsonia Pruriens (Davidson Plum) Extract, Syzygium Luehmanii (Lilly Pilly) Fruit Extract, Urtica DIOICA (Nettle) Leaf Extract, Achillea Millefolium (Yarrow) Flower Extract, Rosmarinus Officinalis (Rosemary) Leaf Extract, Salvia OFFICINALIS (Sage) Leaf Extract, Betula Alba (Birch) Bark Extract, Tilia Cordata (Linden) Flower Extract, Equisetum Arvense (Horsetail) Leaf Extract, PEG 8/SMDI Copolymer, Palmitoyl Myristyl Serinate, Sodium polyacrylate, Hydrogenated Olive Oil (and) Olea Europaea (Olive) Fruit Oil (and) Olive Europaea (Olive) Oil Unsaponifiables, Olea Europaea (Olive) Leaf Extract, Sodium Benzoate Fragrance, Citric Acid, Sodium Citrate.

Revive Moisture Repair

Ingredients: Water (aqua), Hydrogenated Starch hydrolysate, Dimethicone (and) Phenyl Trimethicone (and) Trimethylsiloxyethylsilicate (and) Dimethiconol, Behentrimonium Methosulfate, Cetearyl Alcohol, Argania Spinosa (Argan) Kernel Oil, Hydroxypropyl Starch Phosphate, Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid, Quaternium-80, Cetrimonium Chloride, Sodium Citrate, Fragrance, Helianthus Annuus (Sunflower) Seed Cake, Cinnamidopropyltrimonium Chloride, Tocopherol, Olea Europaea (Olive) Leaf Extract, PEG-8/SMDI Copolymer, Palmitoyl Myristyl Serinate (and) Sodium Polyacrylate, Glycolic Acid, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, Wheat amino acids, Cocodimonium Hydrolyzed Whole Wheat Protein, Isopropyl Myristate, Caryodendron orinocense (Cacay) Seed Oil, Santalum Acuminatum (Quandong) Fruit Extract (and) Citrus Glauca (Desert Lime) Fruit Extract (and) Acacia Victoriae (Wattle) Seed Extract, Terminalia Ferdinandiana (Kakadu Plum) Fruit Extract, Calcium Pantothenate, Triticum Vulgare (Wheat) Germ Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Panthenol, Aloe Barbadensis Leaf Extract.

Intense Moisture Repair

Ingredients: Water (aqua), Hydrogenated Starch hydrolysate, Dimethicone (and) Phenyl Trimethicone (and) Trimethylsiloxyethylsilicate (and) Dimethiconol, Behentrimonium Methosulfate, Cetearyl Alcohol, Argania Spinosa (Argan) Kernel Oil, Hydroxypropyl Starch Phosphate, Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid, Isopropyl Myristate, Quaternium-80, Cetrimonium Chloride, Sodium Citrate, Fragrance, Helianthus Annuus (Sunflower) Seed Cake, Cinnamidopropyltrimonium Chloride, Tocopherol, Olea Europaea (Olive) Leaf Extract, PEG-8/SMDI Copolymer, Palmitoyl Myristyl Serinate (and) Sodium Polyacrylate, Glycolic Acid, Lauryldimonium Hydroxypropyl Hydrolyzed Soy Protein, Wheat amino acids, Cocodimonium Hydrolyzed Whole Wheat Protein, Caryodendron orinocense (Cacay) Seed Oil, Santalum Acuminatum (Quandong) Fruit Extract (and) Citrus Glauca (Desert Lime) Fruit Extract (and) Acacia Victoriae (Wattle) Seed Extract, Terminalia Ferdinandiana (Kakadu Plum) Fruit Extract, Calcium Pantothenate, Triticum Vulgare (Wheat) Germ Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Panthenol, Aloe Barbadensis Leaf Extract.



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