

VersaPenn™ (AL) Anhydrous Lipid Lotion Base

Elegant Transdermal Topical for HRT

VersaPenn™ Anhydrous Lipid (AL) Lotion Base is a proprietary topical formulation specific only to SpecializedRx. Formulated with highly concentrated natural sunflower phospholipids and other functional ingredients that promote deep skin penetration, solubility, and absorption results for numerous pharmaceuticals. VersaPenn™ AL was specifically designed for hormone replacement therapy (HRT) for both women and men with a high API carrying capacity permitting low volume administration in a matrix that also promotes healthy skin for repeat applications. VersaPenn™ AL was designed to promote drug delivery of both lipophilic and hydrophilic APIs allowing for a diverse range of topical formulation versatility.

Benefits:

- Lower viscosity anhydrous lotion formula
- Promotes absorption of compounded preparations
- Primarily formulated for HRT but versatile enough to incorporate numerous other APIs
- Contains naturally derived ultrapure hyaluronic acid microspheres
- Smooth, non-greasy sensory properties, tact-free skin feel
- Formulated with concentrated sunflower phosphatidylcholine and natural tocopherols
- Promotes enhanced bioavailability through a unique nanocarrier liposome system
- Proprietary formulation promotes skin health and rejuvenation
- Anhydrous (extended 180-day BUD per USP <795>)
- Aw < 0.6 promotes chemical and microbiological stability
- Hypoallergenic and free from soy
- Non-comedogenic
- Versatile: Salt-stable and readily incorporates both oil-soluble or water-soluble actives
- Compatible with botanicals, penetration enhancers, and common wetting agents
- Free of dyes, fragrances, BHT, EDTA, urea, parabens, and petrolatum

Hyaluronic Acid (HA) INCI: Sodium Hyaluronate is a polysaccharide and a compound that occurs naturally in every tissue of the body, providing protection to cell structures, HA is the natural gel between skin cells. Topically, Hyaluronic Acid has excellent water storing properties, making it an ideal swelling agent and lubricant. In use, it forms a thin transparent visco-elastic surface film that helps to repair, preserve, and promote skin health.

Properties

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| Category | Anhydrous topical for pharmaceutical compounding |
| Color | White to off-white opaque lotion |
| API Compatibility | Hydrophilic and Lipophilic |
| API Load / Salt Stability | Strong |
| Typical Applications | HRT (Topical Use) |

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Technical Data Sheet

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| CATEGORY | A white opaque lotion base recommended for use in topically applied transdermal pharmaceutical formulations with excellent sensory properties and a smooth, dry/non-greasy, satin feel finish. Enhanced with ultrapure hyaluronic acid for unparalleled skin health promoting properties. Formulated to incorporate both oil and water-soluble actives. Anhydrous base meets USP <795> requirements for 180 days beyond use dating (BUD). |
| INGREDIENTS | Proprietary formula that contains dimethicone, cyclomethicone, sunflower phospholipids, phosphatidyl choline, tocopherol acetate, ultrapure microsphere hyaluronic acid. |
| ALLERGY | Per the 2004 Food Allergen Labeling and Consumer Protection Act, no allergen declarations are required for this product as relating to corn, milk, egg, tree nut, fish, crustacean shellfish, wheat, soy, or peanuts. |
| TECHNICAL DATA | Description: White to off white opaque lotion matrix Shelf Life: 2 years from date of manufacture when stored in its original, unopened container. Low Viscosity Base at 25°C Odor: characteristic to odorless Wetting agents (if needed): Propylene glycol, MCT oil, or avocado oil as wetting agent compatible. |
| SAFETY DATA | All ingredients classified as "Generally Recognized As Safe" (GRAS) and inactive excipient ingredients by the US FDA. For information on the toxicology and safety of this product, please consult the material safety data sheet (MSDS). |
| HANDLING AND STORAGE | Storage Conditions: Product can be stored at ambient conditions for temperature, pressure, and humidity. Product should be kept in a tightly sealed container, under cool and dry conditions. |
| COMMENTS | This information reflects US requirements for ingredients and allergy declarations. SpecializedRx makes no warranties or claims to the accuracy or completeness of the above information given the variations in use and formulations. |