



# Durabase Cream

Catalog Number B4514

**Durabase Cream** is a versatile base with an elegant texture and broad uses. The product is designed for long shelf life and temperature stability, providing a superior alternative to PLO's. Its broad API solubility and stability make it an excellent choice of a range of compounding formulations.

## Why Choose Durabase Cream?

- Efficacious active drug absorption
- In vitro transdermal penetration & API compatibility
- Temperature stable & shelf stable
- Hydrophilic compatibility – high levels of ionic powders can be directly incorporated
- Lipophilic compatibility – moderate levels of oil-soluble powders can be levigated with glycerin, propylene glycol, polyethylene glycol (PEG) 300 or 400, or alcohol
- Cosmetically elegant – not tacky or sticky
- Natural ingredients – resulting in less irritation

## Durabase Cream Properties:

pH	7.0
Specific Gravity	1.00 g/mL
Viscosity	300,000 cps
Physical Form	Heavy Cream
Color	Light Beige
Transdermal Penetration	++++
API Compatibility	Hydrophilic 35% & Lipophilic 10% - Total API Load - 35%
Typical Applications	Pain Management, Sports Medicine, Veterinary Medicine

# Durabase Cream

**Durabase Cream** is a ready-to-use transdermal cream base providing an elegant alternative to traditional PLOs. It is uniquely designed with a long shelf life and is temperature stable. It will not separate in the presence of high levels of ionic substances or when refrigerated. Added emulsifiers and hydrocolloids provide a chemical penetration enhancer (CPE) value superior to a PLO. Durabase Cream is cosmetically elegant and compatible with both hydrophilic and lipophilic APIs allowing for compounding flexibility.

## Sample Formulas

BLT:	Lorazepam:	Pain Management Cream:
Benzocaine 20%	Lorazepam 0.5%	Baclofen 2%
Lidocaine 6%	Durabase Cream qs 100%	Diclofenac 3%
Tetracaine 4%		Gabapentin 3%
Durabase Cream qs 100%		Citric Acid 2%
		Durabase Cream qs 100%

## Beyond-Use-Date (BUD)

Active Ingredient	BUD
Amitriptyline HCl – 2%	90 Days
Benzocaine – 20%	90 Days
Clomipramine HCl – 5%	90 Days
Cyclobenzaprine HCl – 2%	90 Days
Diphenhydramine HCl – 10%	90 Days
Fluoxetine HCl – 5%	90 Days
Gabapentin – 6%	90 Days
Ketoprofen – 10%	90 Days
Lidocaine – 10%	90 Days
Methimazole – 5%	90 Days
Metronidazole – 2%	90 Days
Promethazine – 5%	90 Days
Tetracaine HCl – 4%	90 Days

Item No.	NDC No.	Size
B4514-500GM	49452-0866-01	500 g
B4514-4.5KG	49452-0866-02	4.5 kg
B4514-18KG	49452-0866-03	18 kg

