



VASAS®

VASA PHARMACHEM PVT. LTD.



# LACTATES

## Lactates Introduction

VASA's Nutrimin Lactates are fully reacted mineral salts. It is available in the form of crystalline powder Granules, co-processed blends and premixes which can be used as a mineral supplement for calcium, magnesium and Zinc and also as food additives.

Our ultra-pure "Lactates" are available in **IP/BP/EP/USP/JP/FCC/E-Series** grades with all required regulatory support for the Pharmaceutical, Nutraceutical, Food and Beverage and Personal Healthcare industries.

**Calcium Lactate**

**Magnesium Lactate**

**Zinc Lactate**

## Tailor-made

### NUTRIGRAN

#### DIRECTLY COMPRESSIBLE GRADES

- Calcium Lactate DC
- Magnesium Lactate DC Granules

### NUTRIBLEND

#### CO-PROCESSED BLENDS

- Calcium Lactate Gluconate
- Zinc Lactate Gluconate
- Magnesium Lactate Gluconate

### NUTRIMIX

#### PREMIXES

- Calcium Lactate DC for Tablets



- **Acetates** • **Carbonates** • **Citrates** • **Gluconates**
- **Malates** • **Oxides** • **SSG** • **Stearates** • **MCC** • **CCS**

## Application

Products	Pharmaceutical				Nutraceutical			Food and Beverage			Personal Healthcare			
	Tablet	Capsule	Syrup	Sachets	Tablet	Capsule / Powder	Syrup	Dietary Supplement	Acidity Regulator	Food Additive	Creams	Lotion	Tooth-paste	Powder
Calcium Lactate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Magnesium Lactate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Zinc Lactate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Key Features

- Natural Origin
- Ultra-pure
- High Microbial Purity
- Low Heavy Metals
- Dedicated Plant
- Consistent PSD for powders and granules
- EO Free
- Desired Functionality as per the industry requirement
- Multicompendial

## Regulatory and Technical Support

Our products are multicompendial – IP/BP/EP/USP/JP/FCC/E-Series complying ICHQ7, IPEC and EU guidelines

Products	Free of										
	DMF	TDP	Allergen	GMO	TSE/BSE	EO	Nitro-samine	Residual Solvent	Gluten	Pesticide	Genotoxic Impurities
Calcium Lactate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Magnesium Lactate		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zinc Lactate		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Storage – Store in tightly closed containers, Shelf Life – 60 months

Our Standard Pack Size - HDPE Bags/Drums (25-50 kg) and Jumbo Bags

Our technical support team is able to offer individual customer solutions and documents as per industry application and end use of the product



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