

# CA Labs - Swalava in Collaboration Towards New Horizons of Future Nutrition

Use of **“Platform Technology”** in Developing Mouth Dissolving Granules through the Hot Melt Extrusion (HME) Process, which can then be Packed and Provided as Stick Packs for Convenient Consumption.

## Advantages of Mouth Dissolving Granules in Stick Pack

- ✦ Easy To Carry
- ✦ More Stable than Liquid Formulation
- ✦ Can be Used by All Target Population (Paediatrics > 5 years, Adults and Geriatric)
- ✦ Better Taste Masking and Highly Palatable with Superior Organoleptics
- ✦ Stick Pack is an Attractive Form than Conventional or Liquid Form
- ✦ No Need of Water for Administration of the Formulation
- ✦ Fast Onset of Action
- ✦ Easier to Swallow and hence Better Compliance for Population with Dysphasia & Phagophobia

## Iron + Vitamins Mouth Dissolving Granules

**Label Claim:** Ferrous Bisglycinate Equivalent to Elemental Iron 25mg, Folic acid (Vitamin. B9)- 200 µg, Vitamin B12 -2.2 µg & Vitamin C -50 mg. This helps to meet the daily Iron and Vitamin needs which are not fulfilled by regular diet.

Active Ingredients	Qty. per Serving	%RDA
Ferrous Bis-glycinate Eq. to elemental Iron	25 mg	86.2
Vitamin-C *	50 mg	76.92
Folic acid (Folate)*	129.41 mcg	100
(Vit. B12)*	2.2 mcg	100

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**fssai**

\*Appropriate overages of vitamins added to compensate loss on storage



## Products in Pipeline

### Calcium + Vitamin D3 Mouth Dissolving Granules

**Label Claim:** Calcium Citrate (Elemental Calcium 300 mg), Vitamin D3 -600 IU  
Supports daily Calcium and Vitamin D needs .

### Caffeine Mouth Dissolving Granules

**Label Claim:** Caffeine – 100 mg  
Taste Masked: no bitter taste  
Caffeine can enhance cognitive functions such as memory, focus, alertness, leading to improved productivity & efficiency at work.

### N-Acetyl Cysteine (NAC) Mouth Dissolving Granules

**Label Claim:** N-Acetyl Cysteine – 600 mg  
N-acetyl derivative of the AA cysteine. NAC helps in formation of glutathione—a powerful antioxidant and free radical scavenger.

### Branch Chained Amino Acid Mouth Dissolving Granules

**L-Leucine:** Promote protein synthesis  
**L-Isoleucine:** It aids in repairing muscle tissue and regulating overall energy levels.  
**L-Valine:** It helps maintain nitrogen balance and supports muscle metabolism. BCAAs stimulate protein synthesis, regulate energy homeostasis, nutrition metabolism, , and support brain function in individuals with advanced liver disease.

### Multivitamins and Trace elements Mouth Dissolving Granules

Daily Multivitamin with A, D, E, K, B-Complex, C and Multiminerals Micronutrients & Trace elements as per the RDA requirements

### Multi-Minerals Mouth Dissolving Granules

**Label Claim:**  
Magnesium – 20 mg  
Selenium 40 mcg  
Zinc -12 mg  
Manganese-4 mg  
Copper- 1.7 mg  
Chromium- 50 mcg  
Molybdenum-45 mcg

**These Mouth-Dissolving Granules Utilize Microencapsulation Technology to Enhance Bio-availability and Improved Taste, Providing an Effective User-Friendly Solution. These Microencapsulated Formulations are now ready for Technology Transfer and White Labelling, offering Versatile options for Brands to meet a Variety of Consumer Health Needs**