

# **Pioneering Development**

**Softgel capsules are starting to be widely used** not only for pharmaceuticals and food supplements but also for cosmetics, fragrances, general processed foods, and the like.

- Their elasticity arises from plasticizers like glycerin and sorbitol contained in the shell that provide strength and resistance to cracking.
- To broaden softgel capsule applications, a chewy shell infused with taste and flavor is employed for oral administration of medication, vitamins and supplements.
- The gummy-like chewable sofgel capsule is formulated with vegetable ingredients.



# **The Capsule Shell Contains**



A water-soluble gelling agent: SeaGel (Pea starch & Carrageenan)



**Cellulose:**Microcrystalline Cellulose



**Sweetener:** Aspartame



An appropriate plasticizer: Glycerol



A **precipitate derived** from a water-soluble substance: Maltitol syrup (Maltitol)



Flavoring agents: Lemon/Strawberry/Tutti Frutti

## **Gelatin premix**

**Aspartame** 

Seagel	E 1440 E 407	Vegan
Glycerol Palm free	E 422	Vegan
Water, purified		Vegan
Maltitol syrup Microcrystalline Cellulose	E 965 (ii) E 460	Vegan Vegan
Sweetner		

E 951

Vegan

#### **Flavors**

Lemon Flavour, natural	EC 1334/2008	Vegan
Strawberry Flavour	EC 1334/2008	Vegan
Tutti Frutti Flavour	EC 1334/2008	Vegan

# Colors

Ferric oxide yellow	E 172	Vegan
Cochineal Red A	E 124	Vegan
Brilliant Blue FCF	E 133	Vegan



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