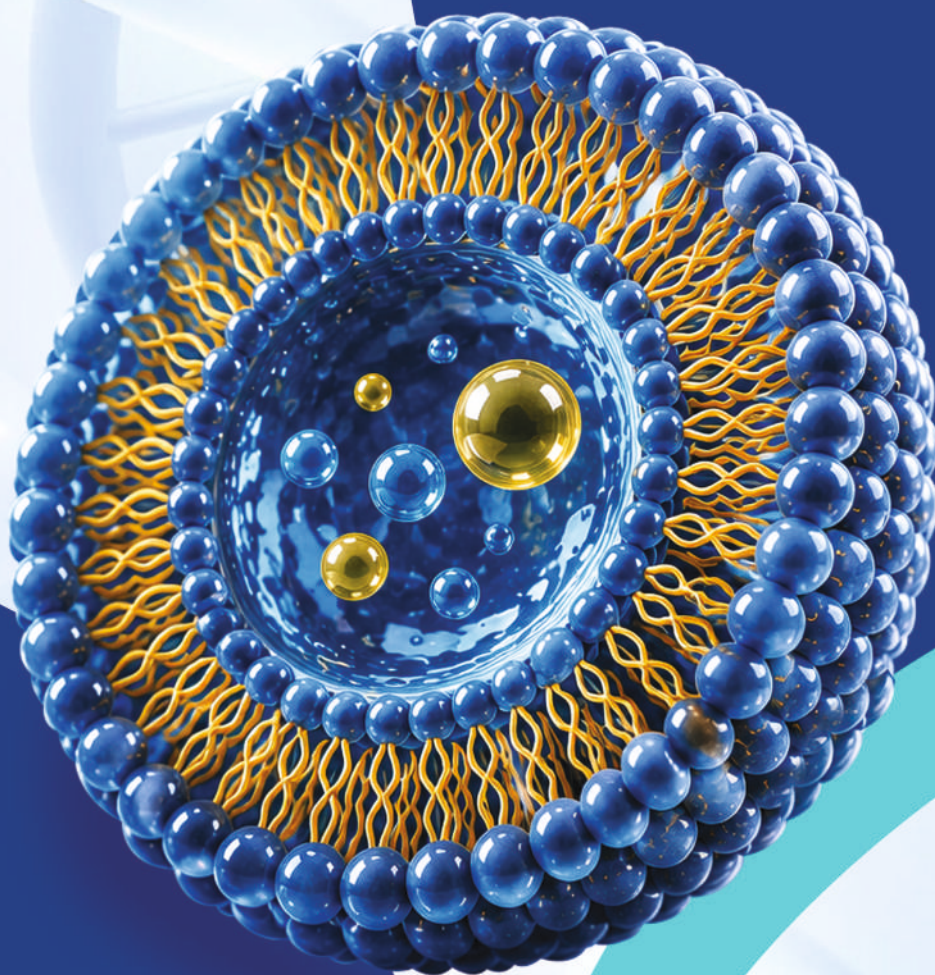


LIP[®]EDGE[™]
LIPOSOMAL TECHNOLOGY

www.thelipoedge.com

★ ★ ★ ★ ★
64
GLORIOUS YEARS
★ ★ ★ ★ ★



**A VESSEL OF HOPE
A CARRIER OF CURE
A LIPID EMBRACE
GENTLE AND PURE**



**WEST BENGAL CHEMICAL
INDUSTRIES LIMITED**

Liposome Characterization

<-30 mV
Zeta Potential

<1
Polydispersity Index

100-200nm
Particle size

Key Characteristics Of Liposomal Minerals

Encapsulation Efficiency **NLT 70%**

Zeta Potential **< -30 mV**

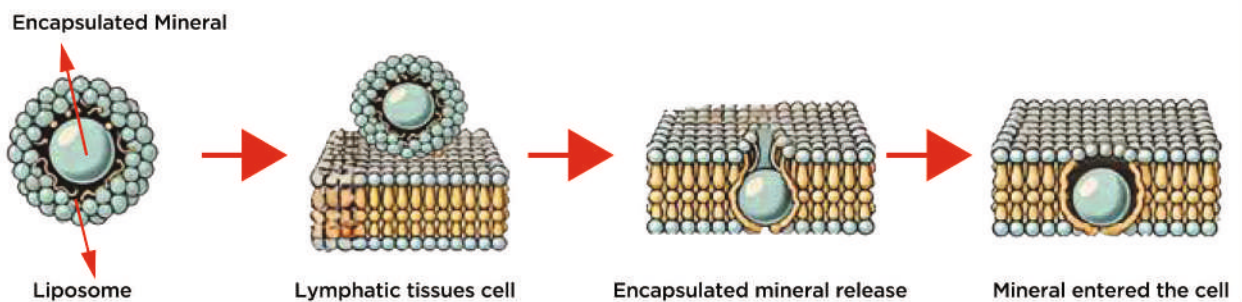
<1 Polydispersity Index

100-200 nm Particle Size

Drug Loading Capacity **0.71 mg per mg**

Leakage Rate **NMT 3%**
Over the shelf life

Process of Liposomal Mineral Absorption



Liposomal Product Range

* LipoEdge™ Iron

* LipoEdge™ Vitamin K2

* LipoEdge™ Calcium

* LipoEdge™ Curcumin

* LipoEdge™ Magnesium

* LipoEdge™ Glutathione

* LipoEdge™ Zinc

* LipoEdge™ L-Methylfolate

* LipoEdge™ Tocopherol

* LipoEdge™ NADH

* LipoEdge™ Hyaluronic Acid

* LipoEdge™ Magnesium Pidolate

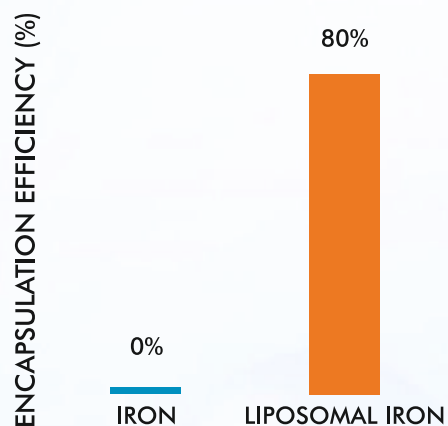
* LipoEdge™ Alpha Lipoic Acid

* LipoEdge™ CoQ10

* LipoEdge™ Vitamin C

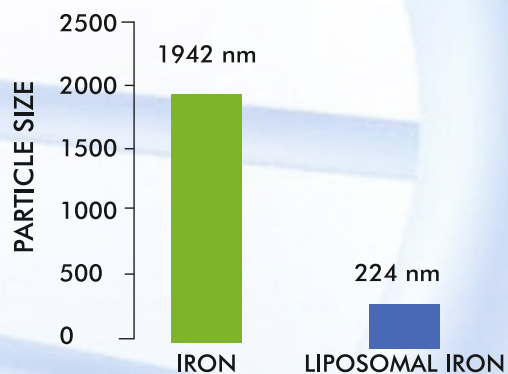
* LipoEdge™ Vitamin D3

Encapsulation Efficiency



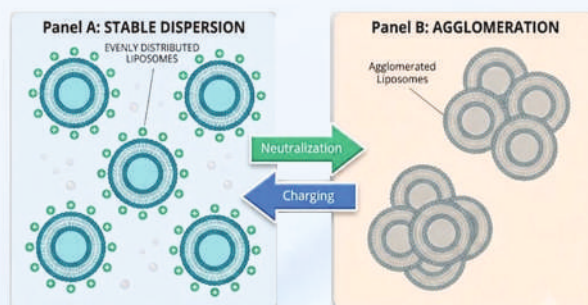
Encapsulation efficiency of Liposomal Iron

Particle Size Determination



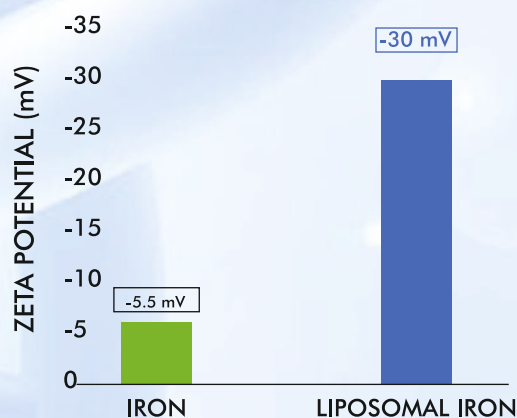
Particle size of Iron API vs Liposomal Iron in solution

Dynamic Light Scattering Analysis of Liposomal Iron



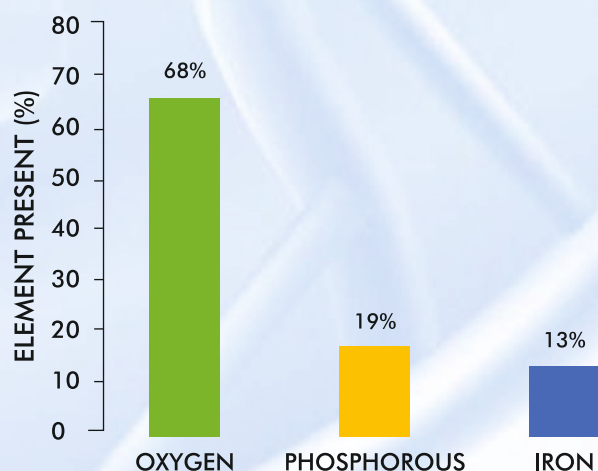
Dispersion & Stability
(High Zeta Potential)

Unstable & Agglomerated
(Low Zeta Potential)

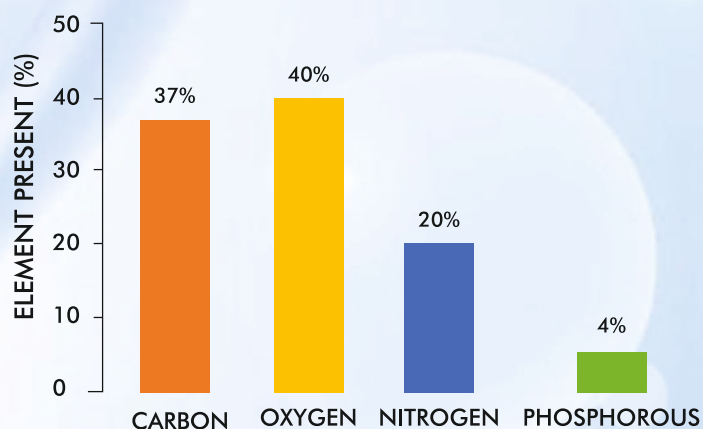


Determination of Zeta Potential

EDAX of Iron Pyrophosphate



EDAX of Liposomal Iron



Cosmeceutical Products

LIPOSOMAL VITAMIN-C CREAM/SERUM

GLOW BOOST

BENEFITS

- * Brightens skin, Fights dark spots
- * Boosts collagen production
- * Deep, long-lasting hydration
- * Protects against damage



LIPOSOMAL GLYCOLIC ACID SERUM

RENEW & RESURFACE

BENEFITS

- * Exfoliates skin
- * Boosts radiance
- * Minimizes pores
- * Fights fine lines



LIPOSOMAL CREAM

NOURISH & RESTORE

BENEFITS

- * Enhance skin absorption
- * Deep moisturization
- * Nourishes & restores skin
- * Improves skin texture



LIPOSOMAL HYALURONIC ACID SERUM

HYDRATION LOCK

BENEFITS

- * Deeply hydrates & replenishes skin moisture
- * Reduces the appearance of fine lines and wrinkles
- * Improves skin elasticity and smoothness



LIPOSOMAL SALICYLIC ACID

CREAM/SERUM
CLEAR & PURIFY

BENEFITS

- * Deep pore cleansing
- * Treats acne
- * Smooths skin
- * Gentle exfoliation



LIPOSOMAL ALPHA LIPOIC ACID CREAM

YOUTHFUL DEFENCE

BENEFITS

- * Powerful antioxidant protection
- * Improves skin texture
- * 24 hrs hydration and nourishment
- * Removes dark spots and brightens skintone



LIPOSOMAL NIACINAMIDE SERUM

EVEN & BRIGHT

BENEFITS

- * Brightens skin tone
- * Boosts skin barrier
- * Reduces fine lines
- * Soothes and calms skin



LIPOSOMAL VITAMIN-E CREAM

SHIELD & REPAIR

BENEFITS

- * Nourishes and hydrates
- * Reduces scars and spots
- * Antioxidant protection
- * Promotes smooth, radiant skin



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