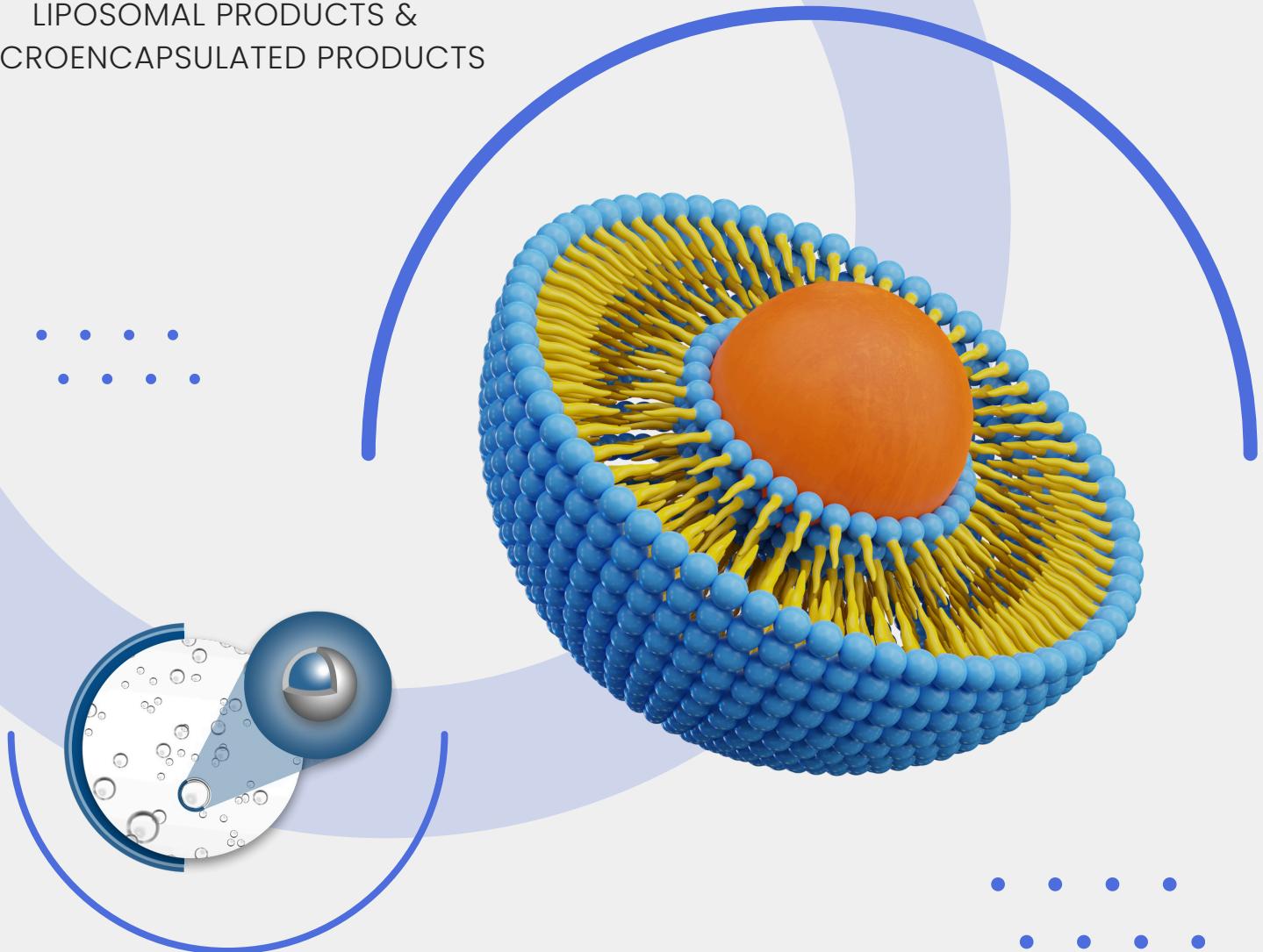
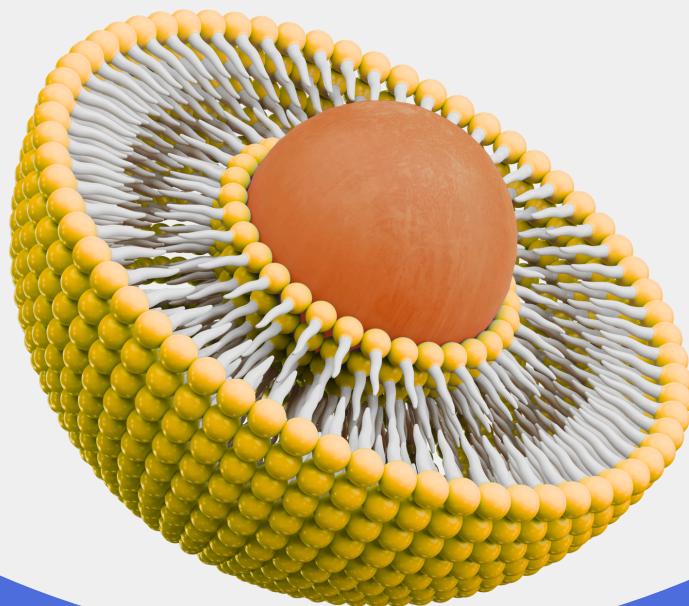


LIPOZOID™

LIPOSOMAL PRODUCTS &
MICROENCAPSULATED PRODUCTS



NR CHEMBIO SCIENCES PVT LTD



MICROENCAPSULATION

NR CHEMBIO Uses Micro encapsulation technology to improve the stability, delivery and control release of Nutraceuticals and Herbal extracts

Advantages of Microencapsulation:

- Enhanced Stability
- Improved Bio-availability
- Masking Taste and Odor

NR CHEMBIO Microencapsulated products are supported by Stability studies.

LIPTMZOID

NR CHEMBIO is utilizing advanced liposomal technology with phospholipid choline. Our Liposomal technology is can enhance the delivery and absorption of various compounds in the body.

Advantages of Liposomal Technology:

- Improved Bio availability
- Enhanced Cellular Uptake
- Increased Stability

NR CHEMBIO Liposomal products are Validated by following methods

- SEM & TEM Analysis
- Dynamic light scattering analysis
- Zeta potential

NR CHEMBIO TECHNOLOGIES

LIPOSOMAL INGREDIENTS

LIPOSOMAL CURCUMIN

7X Bio-Availability - Pre-Clinically Studied

Zeta potential -64.4 mV, Particle size 466 nm, With superior encapsulation efficiency and stability

LIPOSOMAL GLUTATHIONE

16.6% Bio-Availability - Pre-Clinically Studied

Zeta potential -60.6 mV, Particle size 201 nm, With superior encapsulation efficiency and stability

LIPOSOMAL BERBERINE

Zeta potential -62.8 mV, Particle size 119.5 nm, With superior encapsulation efficiency and stability

Ongoing Pre-Clinically Bio-Availability studies

LIPOSOMAL COENZYME Q10

Zeta potential -67.1 mV, Particle size 180.8 nm, With superior encapsulation efficiency and stability

Ongoing Pre-Clinically Bio-Availability studies

LIPOSOMAL VITAMIN C

Zeta potential -67.1 mV, Particle size 180.8 nm, With superior encapsulation efficiency and stability

Ongoing Pre-Clinically Bio-Availability studies

LIPOSOMAL DHA

Pre-Clinically studied for Cognitive health on rats, demonstrated significant neuroprotective

Applications of Liposomal Products



Tablet &
Capsules



Powder
formulations



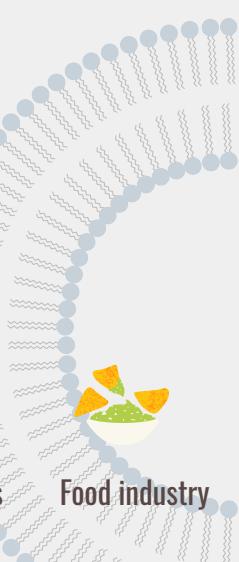
Beverages



Gummies



Food industry



LIPOSOMAL PRODUCTS RANGE

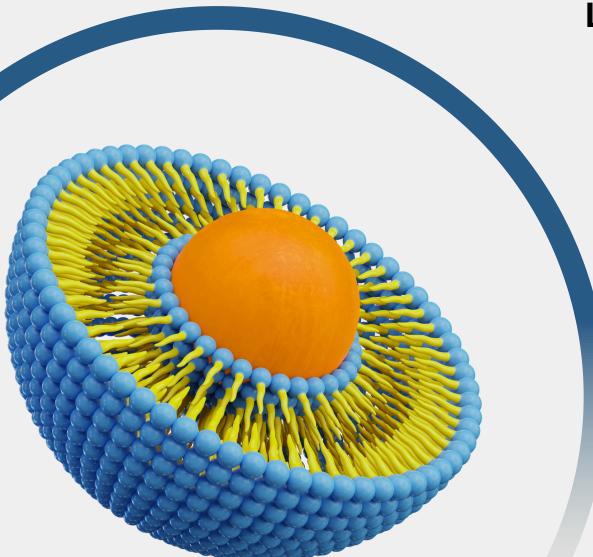
LIPOZOID CUR™
LIPOSOMAL CURCUMIN

LIPOZOID GLU™
LIPOSOMAL GLUTATHIONE

LIPOZOID FE™
LIPOSOMAL IRON

LIPOZOID DHA™
LIPOSOMAL DHA

LIPOZOID LUTEIN™
LIPOSOMAL LUTEIN



LIPOZOID™

LIPOSOMAL PRODUCTS

LIPOZOID ALA™
LIPOSOMAL ALPHA LIPOIC ACID

LIPOZOID™ QUE
LIPOSOMAL QUERCETIN

LIPOZOID™ ASW
LIPOSOMAL
ASHWAGANDHA

LIPOZOID COG™
LIPOSOMAL COLLAGEN

LIPOZOID SYM™
LIPOSOMAL SILYMARIN

LIPOZOID VITB™
LIPOSOMAL B-COMPLEX

LIPOZOID AKBA™
LIPOSOMAL BOSWELLIA
AKBA

ENCAPSULATION
EFFICIENCY

ZETA POTENTIAL & PARTICLE
SIZE ANALYZING DATA

MORPHOLOGY BY
SEM & TEM

LIPOSOME STRUCTURE
INTEGRITY

MICROENCAPSULATED INGREDIENTS

FATTY ACID POWDERS

FISH OIL POWDER OMEGA 3

Eicosapentaenoic acid (EPA) & Docosahexaenoic acid (DHA)
10% - 20%

ALGAE OIL POWDER OMEGA 3

Docosahexaenoic acid (DHA) 10% - 20%

FLAXSEED OIL POWDER OMEGA 3

Alpha linolenic acid 10% - 40%

FLAXSEED OIL POWDER OMEGA 369

Alpha linolenic acid, Linoleic acid, Oleic acid

SUNFLOWER OIL POWDER OMEGA 6

Linoleic acid 10% - 30%

POMEGRANATE OIL POWDER OMEGA 5

Punicic acid - 10% - 40%

SEA BUCKTHORNE OIL POWDER OMEGA 7

Palmitoleic acid - 10%

CAROTENOIDS

BETA CAROTENE WATER DISPERSIBLE

10%-20%

LYCOPENE WATER DISPERSIBLE

5%-10%

LUTEIN WATER DISPERSIBLE/SOLUBLE

10%-40%

ZEAXANTHIN WATER DISPERSIBLE

5%-10%

CURCUMIN

CURCUMIN WATER DISPERSIBLE

10%-85% WATER DISPERSIBLE

CURCUMIN WATER SOLUBLE

10%-50%

HERBAL INGREDIENTS

THYMOQUINONE NIGELLA SATIVA

3% POWDER

FENUGREEK GALACTOMANNAN

80%



MICROENCAPSULATED INGREDIENTS

AMINO ACIDS

BRANCHED CHAIN AMINO ACIDS

2:1:1 - Bitter masked

CREATINE MONOHYDRATE

Micronized

CAFFEINE ANHYDROUS

40% - Bitter masked

ESSENTIAL AMINO ACIDS

Bitter masked

COSMETIC PRODUCTS

BAKUCHIOL

99%

LIPOSOMAL BAKUCHIOL POWDER

50%

PUNICHIOL (BAKUCHIOL + POMEGRANATE OIL)

1:40

CURCUMIN LIQUID

10%

OUR CERTIFICATIONS



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