

Extraordinary Products from Basic Chemicals



**WEST BENGAL CHEMICAL
INDUSTRIES LIMITED**



Chelated Minerals, Injectable API,
Mineral Complexes, DC Granules,
Premix and Pellets are the most skillful
and thriving achievements of WBCIL.

West Bengal Chemical Industries Limited is one of the world's major manufacturers and exporter of mineral chelates and complexes for the pharmaceutical, nutraceutical, food, animal nutrition and agricultural applications. over 64 years of manufacturing experience (Initiated By German collaboration) combined with an innovative spirit and high flexibility.

WBCIL has manufacturing facilities in Kolkata and Dahej (Gujarat) with WHO-GMP, cGMP, ISO and HACCP certification. Kosher and Halal certification are also provided on demand of customers.

The portfolio includes:

IRON

Bisglycinate
Ammonium Citrate
Citrate
Ascorbate
Pyrophosphate

CALCIUM

Citrate Malate
Citrate
Orotate
Lactate Gluconate
Acetate

MAGNESIUM

Pidolate
Acetate
Bisglycinate
Aspartate
Gluconate

ZINC

Gluconate
Acetate
Bisglycinate
Ascorbate
Citrate

★ ★ ★ ★ ★
64
GLORIOUS YEARS
★ ★ ★ ★ ★

**PROUD PATENT
20 CERTIFICATES OF
MOLECULES**

IRON

WBCIL has an outstanding and wide range of Iron salts which incorporate the most advanced technologies. The Solubility, Osmolality, Active surface area, Intrinsic dissolution rate, Nil free ferric and Labile iron are some critical parameters which are maintained in the corresponding products.



Liposomal Iron



Ferrous Ascorbate



Ferric Carboxymaltose



Ferric Citrate



Ferric Pyrophosphate Citrate



Iron Isomaltoside



Ferrous Bisglycinate



Ferrous Asparto Glycinate



Iron III Hydroxide Polymaltose



Ferric Maltol



Ferric Derisomaltose



Ferric Pyrophosphate



Ferric Ammonium Citrate



Ferric Orthophosphate

Amongst the wide range of Calcium Salts WBCIL covers the highest absorbable, bio available, acid resistant, easy ionizable, less heavy metal varieties

CALCIUM



Calcium Citrate



Calcium Orotate



Calcium Asparto Glycinate



Calcium Acetate



Calcium Citrate Malate



Calcium Lactate Gluconate



Calcium Bisglycinate



Calcium Pidolate



Calcium Ascorbate



Liposomal Calcium



Calcium Gluconate (Inj)



Coral Calcium



Calcium D- Saccharate



Calcium Borogluconate



Calcium Amino Acid Chelate



Calcium Glucoheptonate

MAGNESIUM



Liposomal



Ascorbate



Acetate



Aspartate



Pidolate



Bisglycinate



Citrate



Gluconate

ZINC



Liposomal



Ascorbate



Acetate



Aspartate



Propionate



Bisglycinate



Citrate



Gluconate

COPPER



Acetate



Propionate



Citrate



Bisglycinate



Oleate



Glycine Sulphate



Gluconate

POTASSIUM



Acetate



Propionate



Citrate



Glycinate



Orotate



Mag. Citrate



Aspartate

Other Products

- **L-Methylfolate**
- **Boron Citrate**
- **Boron Glycinate**
- **Sucroferic Oxyhydroxide**
- **Enclomiphene Citrate**
- **Sodium Butyrate Food / USP**

- **Calcium Butyrate Food Grade**
- **Ulipristal Acetate**
- **Ascorbyl Palmitate**
- **Dimethyl Fumarate**
- **L Ornithine L Aspartate**

Animal Nutrition

Sodium Butyrate (98%, Coated 30, 60 and 90%)	Potassium Formate/Diformate
Calcium Butyrate (98%, Coated 30, 60 and 90%)	Mineral Chelated (Fe, Zn, Mn, Cu, Se)
Sodium Isobutyrate	Monolaurin 80%
Calcium Propionate	Metho Chelated Copper
Sodium Propionate	Metho Chelated Manganese
Ammonium Propionate	Metho Chelated Zinc
	Rumen Protected Methionine

CHELATED MINERALS



New Products

- Calcium Dobesilate
- Calcium Glucoheptonate
- Calcium Levulinate
- Calcium Pidolate
- Magnesium Orotate
- Magnesium Lactate Gluconate
- Magnesium Pidolate
- Methyl Cobalamin
- Calcium Orotate
- Calcium Gluconate Monohydrate
- Magnesium Gluconate (Anhydrous)
- Magnesium Boro Gluconate
- Magnesium Lactate
- Milk Calcium
- Liposomal Vitamin C
- Ferrous Gluconate

DC Granules

Product	Tapped Density gm/cc (NLT)	Untapped Density gm/cc (NLT)	C.I (NMT)	Angle of Repose	Particle Size		Average Tablet Weight (gm)	Elemental Assay w/w (NLT)
					#20 mesh	#80 mesh		
Ferric Citrate	1.00	0.90	15	28	80%	20%	1.0	20%
Ferrous Ascorbate	0.90	0.80	20	26	85%	15%	0.6	20%
Ferrous Fumerate	0.80	0.70	20	28.5	95%	5%	0.3	28%
Iron (III) Hydroxide Polymaltose	0.80	0.65	15	27.8	90%	10%	0.6	38%
Ferrous Sulphate	1.10	1.00	20	27.5	95%	5%	0.2	28%
Calcium Citrate	0.75	0.65	15	26	85%	15%	1.0	20%
Calcium Citrate Malate	0.85	0.75	15	28	90%	10%	1.0	20%

WEST BENGAL CHEMICAL INDUSTRIES LIMITED

in f y



wbcil@wbcil.com



www.wbcil.com



+91 (033) 4025 1555 / 1539

