

Excellence through Innovation



The Future begins with
SIGACHI[®]
Excellence through Innovation



Sigachi Industries Limited is a leading Public Listed (NSE & BSE in India) Healthcare company working in domains of Pharmaceutical API & Excipients, Food & Nutrition, and Operations & Management industries. Founded in 1989, we've built a reputation for pharmaceutical excellence in:

- **API & Intermediates:** Our diversified portfolio includes active pharmaceutical ingredients (APIs) and their intermediates, supporting the development of life-saving medications.
- **Wide range of High-Performance Excipients:** We're one of the world's largest manufacturers of cellulose-based excipients, playing a critical role in delivering effective and stable pharmaceuticals and nutraceuticals formulations.
- **Ready-To-Use Coating Premix:** We offer a portfolio of ready-to-use coating premixes for pharmaceutical and nutraceutical tablet formulations.
- **Unwavering Commitment to Quality & Compliance:**
 - Our five multi-locational facilities are certified under EXCiPACT GMP, SGMP, HACCP, EDQM CEP, FSSAI, USFDA for intermediates, and ISO 9001:2015, guaranteeing the highest quality standards.
 - We have a global presence, supplying innovative and differentiated products to customers across Asia, Australia, the Americas, Europe, and the Middle East.
- **A Value-Driven Culture:**
 - At Sigachi, we foster employee creativity, expertise, and well-being, living by our motto of "Experience Excellence."
 - We're recognized as a Great Place to Work and hold a Silver Medal from Ecovadis for our strong commitment to environmental, social, and governance (ESG) practices

PRODUCT PORTFOLIO



Pre-Formulated Excipients

- BARETab® PH
- BARETab® ODT
- BARETab® Nutra



Thickeners/Stabilizers

- HiCel™ MCG
- EcoCel®N (CMC Sodium)
- EcoCel®C (CMC Calcium)
- HiCel™ MCX



High Functionality Excipients

- HiCel™ SMCC
- HiCel™ CE 15
- HiCel™ HFS
- BARETab® Lub
- BARETab® Flash



Coatings

- i. Functional coating
 - Enteric : Purecoat® ECS/ ECA
 - Moisture protection : Purecoat® MPS/ MPA
- ii. Film coating
 - HPMC Based : Purecoat® FCA - H/ FCS - H
 - PVA Based : Purecoat® FCA - P



Disintegrants

- HiLose™
(Croscarmellose Sodium)
- Stargel®
(Sodium Starch Glycolate)



Lubricants

- MagLub®
(Magnesium Stearate)
- FloLub®
(Sodium Stearyl Fumarate)



Diluents/Binders

- HiCel™ (Spray Dried MCC)
- AceCel® (Bulk Dried MCC)



Pellets

- HiCel™ Spheres



Glidant

- Puretalc® (Talc)



Functional

- GloCel® (Powdered cellulose)
- AceFibre®
(Cellulose fibre for food)
- CoatCel™ (For Filtration)



Polymer Blends

- Ultramod™ SR L
- Ultramod™ SR M
- Ultramod™ SR H
- Ultramod™ SR LW
- Ultramod™ SR MG
- Ultramod™ SR HW

STANDARD MCC GRADES

MCC Standard/ General grades

HiCel™ (Spray Dried)	AceCel (Bulk Dried)	PSD (nm)	LOD (%)	Bulk density (g/cc)	Applications
25M	105	14-20	NMT 3-5%	0.30-0.25	<ul style="list-style-type: none"> • Very fine grade of MCC • Provide a pleasant mouth feel • Masks the bitter taste and supports flavors and used for tablet coating
50M	101	40-75	NMT 3-5%	0.28-0.34	<ul style="list-style-type: none"> • Fine standard grade of MCC, provides very high compatibility • Especially suitable for wet & granulation • Suitable for roller compactor, spheronisation
HD 50M	301	40-75	NMT 3-5%	0.35-0.46	<ul style="list-style-type: none"> • Higher BD grade of MCC • Fine-particle-sized MCC • Improved flow properties and higher compressibility
90M	102	80-140	NMT 3-5%	0.28-0.34	<ul style="list-style-type: none"> • Medium sized standard MCC grades • Suitable for major DC APIs • Gives good flow & high compatibility at the same time
HD 90M	302	80-140	NMT 3-5%	0.35-0.46	<ul style="list-style-type: none"> • Higher BD MCC grades help in flow improvement • Especially suitable for high-speed tableting • Processing high-density APIs
LP 200	200	80-280	NMT 3-5%	0.30-0.36	<ul style="list-style-type: none"> • Coarse grade MCC • Provides good compatibility, high binding capacity & outstanding flow • Good CU at low weight variation, • Even with low concentration of fine actives
12	12	120-230	NMT 3-5%	0.30-0.36	<ul style="list-style-type: none"> • Coarse grade of MCC • Provides good compatibility, high binding capacity, and outstanding flow. Good CU at low weight variation, • Provide good CU at low weight variation, even with low concentration of fine actives
LM 50	---	40-75	NMT 3%	0.28-0.34	<ul style="list-style-type: none"> • Low moisture grade MCC for water sensitive API • Median particle size: 50µm • Higher compressibility & flowability
XLM 50	113	40-75	NMT 1.5%	0.28-0.34	<ul style="list-style-type: none"> • Extra-low moisture content, water sensitive API • Median Particle size 50µm • Higher flowability
XLM 90	112	80-140	NMT 1.5%	0.28-0.34	<ul style="list-style-type: none"> • Median particle size • Standard MCC with extra - low moisture content, water sensitive APIs • Suitable for DC formulations
XLM 200	---	180-280	NMT 1.5%	0.30-0.36	<ul style="list-style-type: none"> • Extra low - moisture content for water sensitive APIs, and Coarse grade MCC • Provides good compatibility, binding capacity with outstanding flow • Provide good CU at low weight variation even when used with low concentration of fine actives
14	---	120-230	NMT 1.5%	0.30-0.36	<ul style="list-style-type: none"> • Extra low moisture grade MCC with coarser particles • Gives good compatibility, binding capacity with outstanding flow • Provide good CU at low weight variation even when used with low concentration of fine actives

CO-PROCESSED GRADES

High Functionality Excipients

	Grades	Description	Applications
HiCel™ MCG	HiCel™ MCG 501	MCC + CMC	<ul style="list-style-type: none"> Gelling agent for "Ready to Use" applications Also helps in formulations which needs high shear forces
	HiCel™ MCG 581		<ul style="list-style-type: none"> High functional gelling agent in suspensions & emulsions Accelerates disintegration and dispersion
	HiCel™ MCG 591		<ul style="list-style-type: none"> Used as stabilizer & thickener in all type of suspensions & emulsions, also used in sprays It binds ingredients together and increases the mechanical strength of the tablet
	HiCel™ MCG 611		<ul style="list-style-type: none"> Ready-to-use or reconstituable in dry suspension, require low shear force Excellent water uptake capacity, very good stabilizer and thickener
HiCel™ SMCC	HiCel™ SMCC 50M	MCC + SiO2	<ul style="list-style-type: none"> Suitable for optimal compaction with decent flow Superior mechanical properties (advantageous for hard gelatin capsules)
	HiCel™ SMCC 90M		<ul style="list-style-type: none"> Median particle sized MCC for optimal compaction with decent flow Superior mechanical properties (advantageous for hard gelatin capsules)
	HiCel™ SMCC LM 90		<ul style="list-style-type: none"> Low-moisture content (3%) grade Recommended for extremely moisture sensitive APIs
	HiCel™ SMCC HD 90M		<ul style="list-style-type: none"> High BD grade of SMCC, this grade facilitates thinner tablets and provide best disintegration time, Excellent flowability Superior physico-mechanical properties, i.e., may be an advantage in hard gelatin capsules.
	HiCel™ SMCC SCG 90M		<ul style="list-style-type: none"> Coarser grade SMCC grade, median particle sized Improves compressibility and flowability of the poor flowable APIs
HiCel™ LAC	HiCel™ Lac 80	MCC + Lactose Monohydrate	<ul style="list-style-type: none"> Good compatibility, flowability, hardness and uniformity of dosage Higher particle sized, good compatibility, flowability, hardness and uniformity of dosage
	HiCel™ Lac 100		
HiCel™ HFS	HiCel™ HFS 90M	MCC + Mannitol + SiO2	<ul style="list-style-type: none"> The combination of MCC, Mannitol, and SiO2 increases the flowability and compatibility of the powder
	HiCel™ HFS 50M		<ul style="list-style-type: none"> Fine grade, combination of MCC, Mannitol & SiO2, increases the flowability and compatibility of the powder
HiCel™ DG	HiCel™ DG	MCC + DCP	<ul style="list-style-type: none"> Superior compatibility and robustness with low bulk density
HiCel™ CE	HiCel™ Ce15	MCC + Guar gum	<ul style="list-style-type: none"> Provide a superior creamier mouth feel and reduce friability



BARETAB®

Grades		Description	Applications
BARETab® LUB	BARETab® Lub 90M	Binder + Lubricant	<ul style="list-style-type: none"> • Good compatibility, flowability • No need of additional lubricant
	BARETab® Lub 50M		<ul style="list-style-type: none"> • Fine grade combination, provides good compatibility and flowability • No need additional lubricant
	BARETab® Lub LM90		<ul style="list-style-type: none"> • Lower-moisture content (<3.0%) BARETab® grade • Median particle size
BARETab® PH	BARETab® PH	Binder + Glidant + Disintegrant + Lubricant	<ul style="list-style-type: none"> • Ready mix for DC tablet formulation • Provides outstanding flow, compressibility and maintains drug uniformity throughout the formulation
	BARETab® LMPH		<ul style="list-style-type: none"> • Low-moisture content (<3.0%) • Recommended for extremely moisture sensitive APIs
BARETab® Flash	BARETab® Flash CS 90M	Binder + Superdisintegrant	<ul style="list-style-type: none"> • It has superior flowability and compressibility • Results shorter disintegration time
	BARETab® Flash CS 50m		<ul style="list-style-type: none"> • Fine grade, suitable for coarser API • Superior flowability and compressibility with shorter disintegration time
	BARETab® Flash CS LM90		<ul style="list-style-type: none"> • Low- moisture grade, suitable for water sensitive APIs • Superior flowability and compressibility with shorter disintegration time
	BARETab® Flash SG 90M	Binder + Disintegrant	<ul style="list-style-type: none"> • Gives superior flowability and compressibility • Results shorter disintegration time
	BARETab® Flash SG 50M		<ul style="list-style-type: none"> • Fine grade, suitable for coarser API • Shows superior flowability, compressibility, shorter disintegration time
	BARETab® Flash SG LM90		<ul style="list-style-type: none"> • Low-moisture grade, suitable for water sensitive APIs • Superior flowability and compressibility with shorter disintegration time
BARETab® ODTs	BARETab® ODT 90M	Binder + Disintegrant + Sweetener	<ul style="list-style-type: none"> • Helps quick dissolving tablet matrix, superior flow + compressibility • Combination of flow and compaction.
	BARETab® ODT 50M		<ul style="list-style-type: none"> • Fine sized BARETab ODT, which promotes fast dissociation, flow and compressibility • Combination of flow and compaction.
BARETab® Nutra	BARETab® NUTRA 90M	Binder + Glidant + Disintegrant + Lubricant	<ul style="list-style-type: none"> • Mix for DC tablet formulations • Outstanding flow, good compressibility (Nutra + Food + Pharma)
	BARETab® NUTRA LM 90		<ul style="list-style-type: none"> • Low-moisture content (<3.0%) and recommended for extremely moisture sensitive actives • Good flow and compressibility
	BARETab® NUTRA 50M		<ul style="list-style-type: none"> • Fine grade • Higher compressibility and suitable for granular APIs.
	BARETab® NUTRA DS 90M	MCC + DCP Anhydrous + CCS	<ul style="list-style-type: none"> • Superior flowability and compressibility for water sensitive API • Shows good compressibility for tablets
	BARETab® NUTRA DS 50M		<ul style="list-style-type: none"> • Fine grade • Superior flow & compressibility for tablets with coarser API.
	BARETab® NUTRA DS LM90	MCC + DCP Anhydrous	<ul style="list-style-type: none"> • Low-moisture grade

HICEL™ SPHERES

Grades	ASTM Mesh	Microns (µm)	Specifications
HiCel™ Spheres 1000	14-18	1000-1400	Water Insoluble Carrier
HiCel™ Spheres 700	18-25	710-1000	For organic solvent free API coating
HiCel™ Spheres 500	25-35	500-710	Small Particle sized Spheres
HiCel™ Spheres 350	35-45	355-500	Spheres with high robustness
HiCel™ Spheres 200	45-70	200-355	The smallest sized sphere for almost all APIs Suitable for all PPIs (e.g., Proton pump inhibitor)

OTHER EXCIPIENTS

Sl. No.	Brand Name	Excipient	Applications
1	MagLub®	Magnesium Stearate	Lubricating Agent
2	Stargel	Sodium Starch Glycolate Potato	Disintegrating Agent
3	stargel	Sodium Starch Glycolate Maize	Disintegrating Agent
4	HiLose™	Croscarmellose Sodium	Disintegrating Agent
5	Pure Talc®	Purified Talc	Glidant and Lubricant
6	EcoCel® C -1%	Calcium Carboxymethyl cellulose	Thickener & Stabilizer
7	EcoCel® N -2%	Sodium Carboxymethyl cellulose	Thickener & Stabilizer
8	EcoCel® N -1%	Sodium Carboxymethyl cellulose	Thickener & Stabilizer
9	FloLub®	Sodium Stearyl Fumarate	Lubricating Agent





OPTIMISED POLYMER BLEND

An optimized polymer blend for sustained release formulations, suitable for all BCS class APIs. The product is available for a range of formulations with low solubility, medium solubility, or higher solubility groups for hydrophilic matrix application.

Along with the direct compression, this customized solution could be a good fit in wet granulation process as well. Where addition of API, lubricant, and glidant makes a complete formulation to provide the desired drug disintegration and release kinetics.

Name of Grade	Application
UltraMod™ SR L	<ul style="list-style-type: none">• Polymer blend for direct compressible tablet formulation and suitable for Medium solubility category of APIs.
UltraMod™ SR M	<ul style="list-style-type: none">• Polymer blend that can be used for direct compressible tablet formulation and suitable for Medium solubility category of APIs.
UltraMod™ SR H	<ul style="list-style-type: none">• Polymer blend that can be used for direct compressible tablet formulation and suitable for Medium solubility category of APIs.
UltraMod™ SR LW	<ul style="list-style-type: none">• Polymer blend that can be used in wet granulation process and is suitable for low-solubility category of APIs.
UltraMod™ SR MG	<ul style="list-style-type: none">• An optimised and ready to use polymer matrix granules to which, choice of APIs, lubricant and Silicon dioxide can be added as per the formula composition followed by compress into tablets. it is suitable of medium solubility category of APIs, especially Diclofenac Sodium.
UltraMod™ SR HW	<ul style="list-style-type: none">• Polymer blend that can be used in wet granulation process and is suitable for high-solubility category APIs.





FULLY FORMULATED FILM COATING SYSTEMS

A comprehensive coating solution consisting of HPMC, PVA or Methacrylic acid co-polymers, that could be reconstituted using aqueous , non-aqueous or hydroalcoholic systems. In addition, fully formulated ready-mix coating material offers a solution for both functional and film-coating requirements.

Product	Polymers	Reconstitution
PureCoat® FCA-H	HPMC	Aqueous and Hydro-alcoholic systems
PureCoat® FCS-H	HPMC	Non-Aqueous system
PureCoat® FCA-P	PVA	Aqueous system
PureCoat® Seal-H	HPMC	Non-Aqueous system
PureCoat® Seal-P	PVA	Aqueous system
PureCoat® MPA	PVA	Aqueous system
PureCoat® MPA-X	PVA-Xanthan gum	Aqueous system
PureCoat® MPS-P	HPMC-PEG	Non-Aqueous and Hydroalcoholic systems
PureCoat® MPS-D	HPMC-Diethyl Phthalate	Non-Aqueous and Hydroalcoholic systems
PureCoat® Nutra	HPMC	Aqueous, Hydroalcoholic and non-aqueous systems
PureCoat® Nutra T ² F	HPMC	Aqueous system
PureCoat® ECS-A	MAC (Type A)	Non-Aqueous system
PureCoat® ECS-B	MAC (Type B)	Non-Aqueous system
PureCoat® ECA	MAC (Type C)	Aqueous system

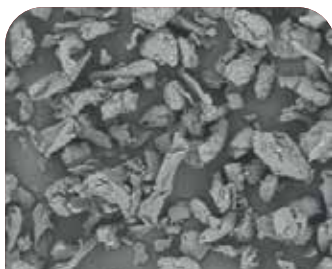
Tablet

Flash drier/Milling

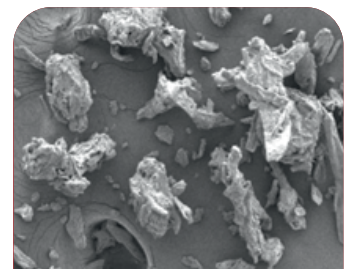
Single Excipient



GloCel®



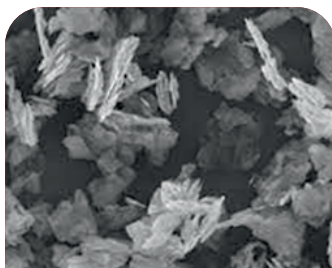
Hilose™



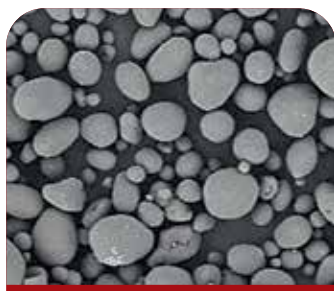
HiCel™ MCC



AceCel®



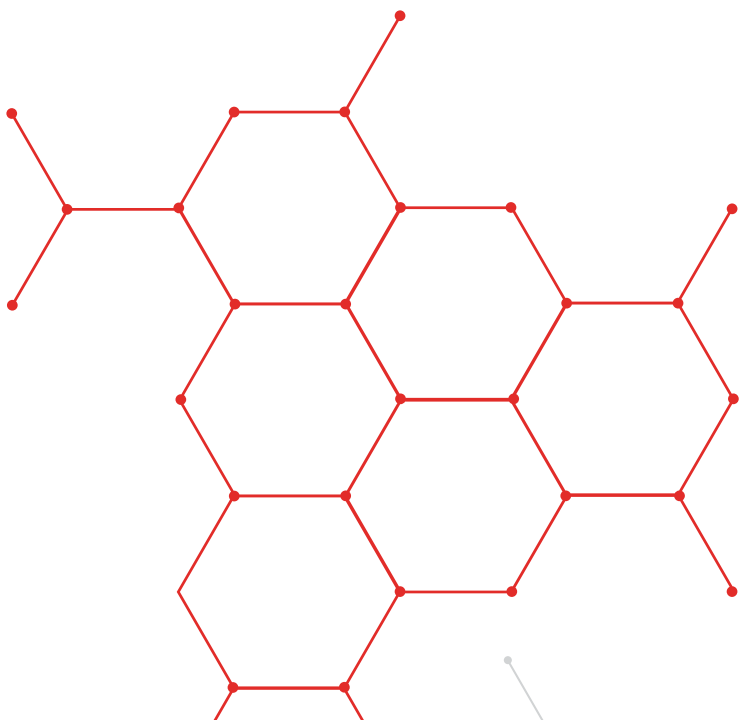
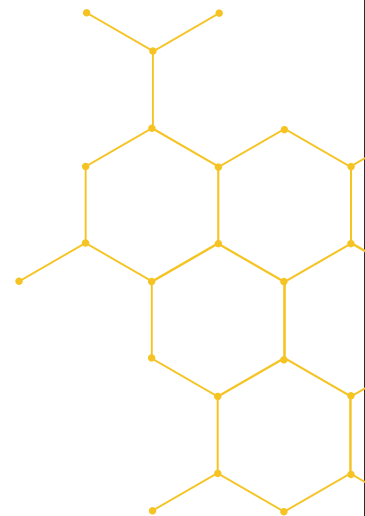
MagLub®



StarGel®



FloLub®

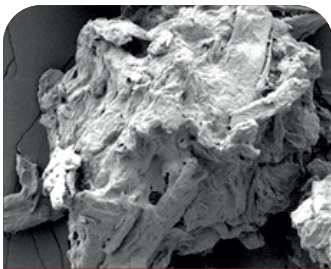


Capsule

Suspension

Spray drier

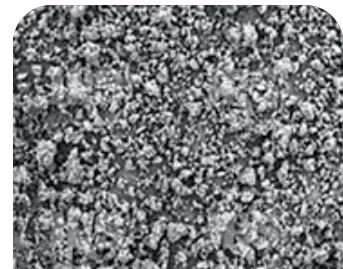
Pre-formulated Excipient and High Functionality



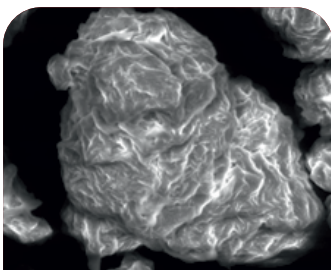
BARETab® PH



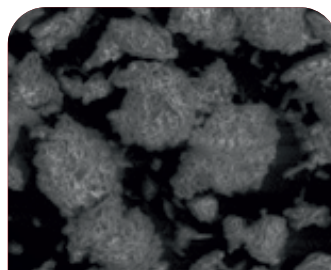
HiCel™ SMCC



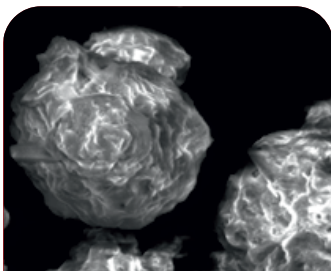
HiCel™ MCG



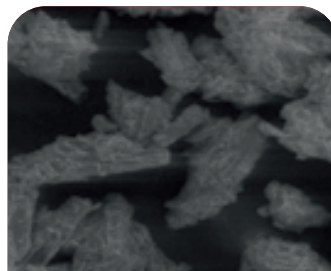
BARETab® SF



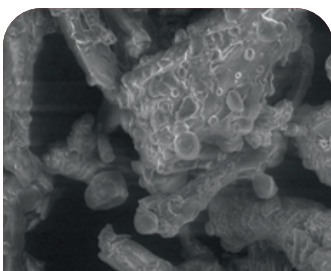
HiCel™ HFS



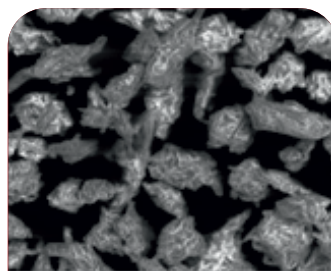
BARETab® SL



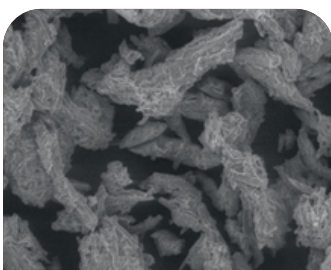
BARETab® Lub



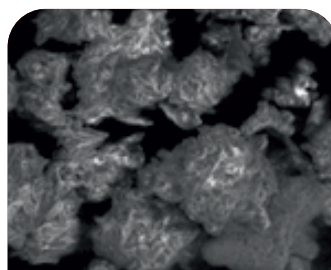
BARETab® ODT



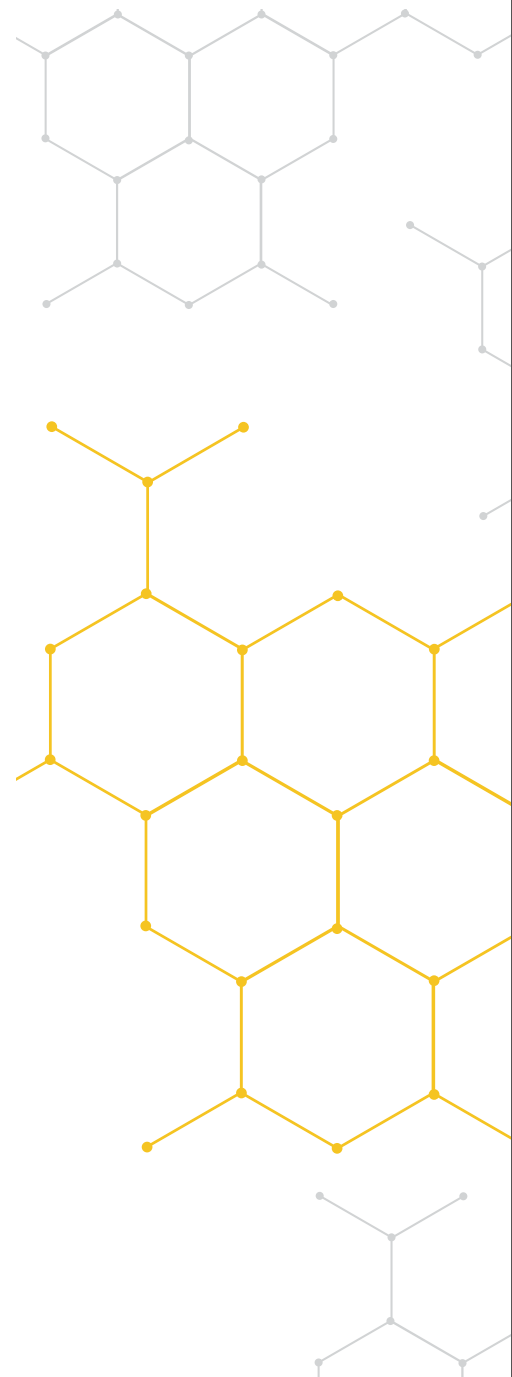
BARETab® Flash



BARETab® Nutra



**BARETab®
Nutra DS**



Awards



2022
Top SME Award



2019
National Best Employer Brands Awards



2018
Zee Business Awards & SAP Company of the year



2015
Zee Business DHL Awards



2014
Top SME 100 Award Bank of India and India SME Forum



2014
SME Giant Award Ministry of MSME & Indian SME Forum



2011
Innovation Award National Science & Technology Entrepreneurship Development Board, Department of Science & Technology & Pharmexcl



2011
National Award for Outstanding Entrepreneurship Ministry of MSME, Govt, of India



2010
National Award for Outstanding Entrepreneurship Ministry of MSME, Govt of India



1993
National Award for Outstanding Entrepreneurship Ministry of MSME, Govt, of India



QR codes



HiCel™ / Acecel® Product Leaflet



HiCel™ Spheres Leaflet

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