MOKSHA望莎

# COMPANY OVERVIEW

MOKSHA GROUP

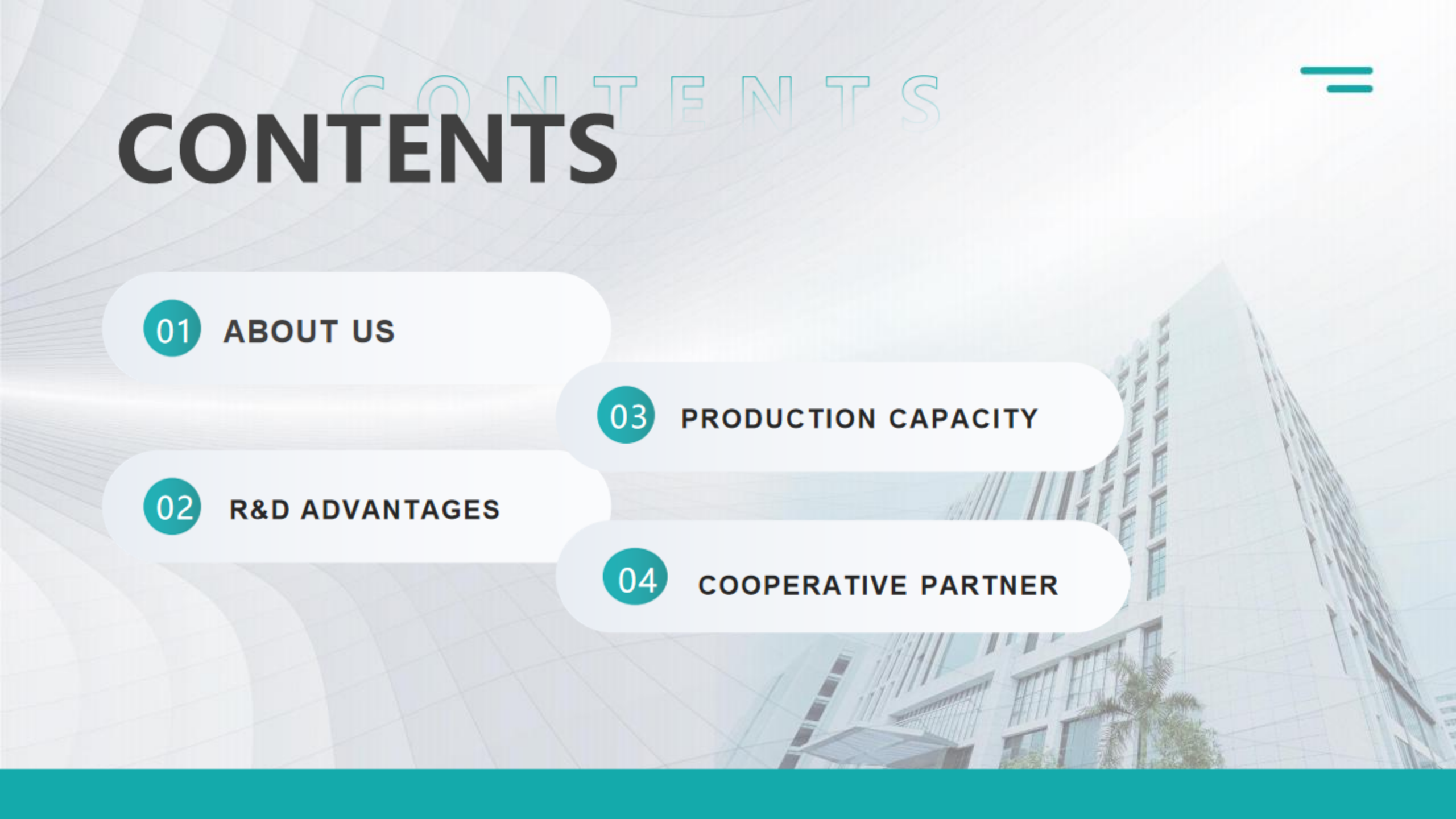
— Intelligent Beauty Emhence Brands to Upgrade Product Power

Share Beauty with Technology & Validate Strength with Efficacy

CONTENTS

# CONTENTS





01

PART ONE

# ABOUT US

MOKSHA望莎

# Founder

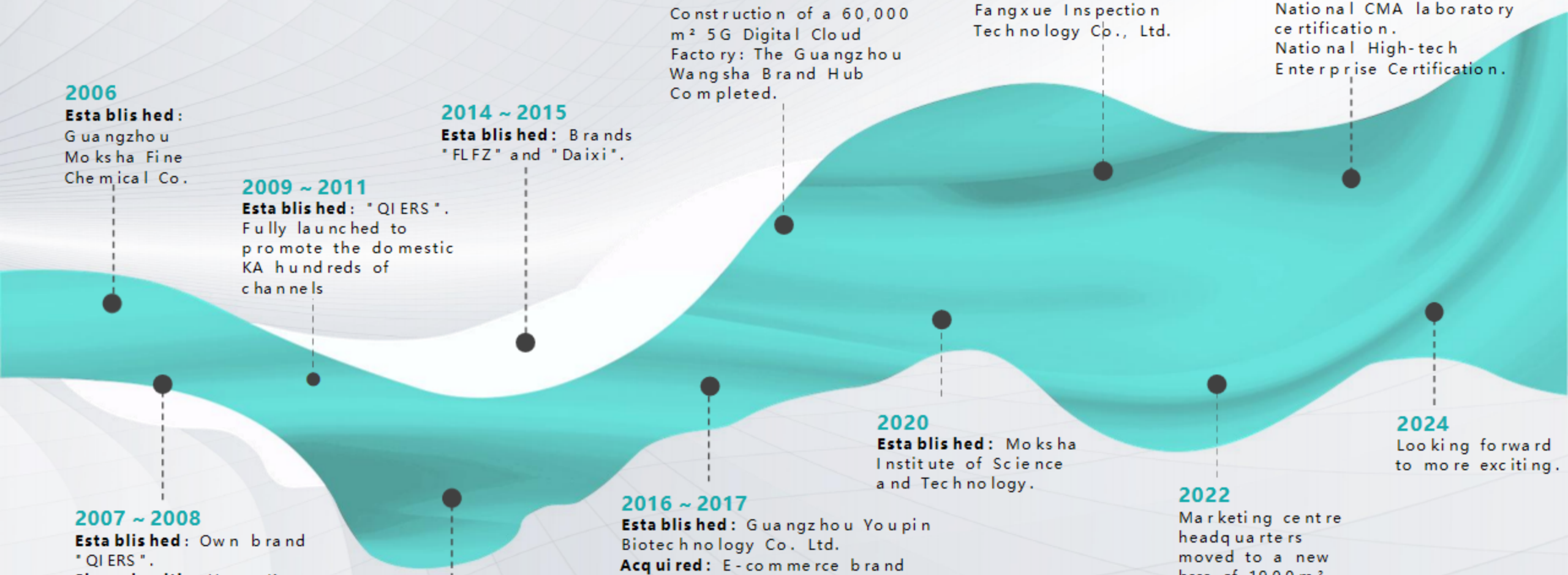
## Group Founder: Li Yuwu

- Co-founder of Moksha Group
- Committee of Qingcheng District Political Consultative Conference, Qingyuan City
- Vice Presidnt of Guangdong Cosmetic Quality Management Association
- Founder of QIERS Brand

**Over 24 years in the beauty industry**

Mr Li Yuwu entered the cosmetic industry since 2000, 24 years, the courage to try new things, and continue to explore the accumulation of the industry's intellectual direction, always adhere to the "use of science and technology to create beauty", to help the growth of national brands, and actively promote China's beauty brands to the world!

# Group Development Milestones



**2006**
**Established:** Guangzhou Moksha Fine Chemical Co.

**2007 ~ 2008**
**Established:** Own brand "QIERS".
**Signed with:** Hong Kong film and TV star Ms Kwan Wing Ho.

**2009 ~ 2011**
**Established:** "QIERS". Fully launched to promote the domestic KA hundreds of channels

**2012 ~ 2013**
Signed the film star Li Xiang as the image spokesperson of "QIERS".

**2014 ~ 2015**
**Established:** Brands "FLFZ" and "Daixi".

**2016 ~ 2017**
**Established:** Guangzhou Youpin Biotechnology Co. Ltd.
**Acquired:** E-commerce brand "Fashion Week".
**Established:** Qingyuan Moksha Biotechnology Co. Ltd.

**2018 ~ 2019**
Construction of a 60,000 m² 5G Digital Cloud Factory: The Guangzhou Wangsha Brand Hub Completed.

**2020**
**Established:** Moksha Institute of Science and Technology.

**2021**
**Established:** Guangdong Moksha Cosmetics Co., Ltd.
**Established:** Guangdong Fangxue Inspection Technology Co., Ltd.

**2022**
Marketing centre headquarters moved to a new base of 1900m².

**2023**
Hundred-level workshop certification.
24 patents apply.
National CMA laboratory certification.
National High-tech Enterprise Certification.

**2024**
Looking forward to more exciting.

# QUALIFICATION

- National High-tech Enterprise Certification.
- Hundred-level purification workshop certification.
- CMA inspection and testing institution qualification certificate.
- Executive director unit of Guangdong Cosmetic Society.




# GROUP PROFILE

## Moksha Group

Was founded in 2006. Headquartered in Huadu Airport International Centre, Guangzhou, China.

It is a cosmetic manufacturing enterprise integrating Advance product planning, raw material development, research and development, efficacy testing, cosmetic production and sales. The company adheres to the values of integrity, responsibility, gratitude, progress and struggle. Committed to helping domestic cosmetics brands to achieve brand growth. With the advantages of raw material development, brand scenario-based research and development, customized efficacy evaluation services, cutting-edge product technology innovation, high-quality product manufacturing, we can help brands enhance product competitiveness, help brands break through market barriers, and consolidate the vitality of the brand.

## Group Companies

- Moksha Technology Research Institute.
- Qingyuan Moksha Biotechnology Co.
- Guangdong Fangxue Testing Technology Co.
- Wansha (Guangzhou) Biotechnology Co.
- Guangzhou Yuduo/Youpin Biotechnology Co.

# Our Culture


## Vision

Become a beauty benchmarking enterprise based on China to the world.

## Mission

Use technology to share beauty and create first-class products

## Values

- Integrity
- Responsibility
- Gratitude
- Progress
- Struggle

## Philosophy

- Product oriented, quality innovation
- Customer-centric, service first
- Team oriented, sincere cooperation

## Service

Create value for customers.

Create opportunities for employees.

Make contributions to the society.

02

PART TWO

# R&D ADVANTAGES

MOKSHA望莎

# INSTITUTE OF SCIENCE AND TECHNOLOGY

## Moksha Research Institute consists of four centres.

- Cosmetic Formulation Technology R&D Centre.
- Bioengineering Application Research Centre.
- Cosmetic Safety Evaluation Centre.
- Cosmetic Efficacy Testing Centre.

## Scientific and Technical Research Team

Composed of doctors, masters, senior engineers, etc., the team is more than 80 people. Gathering high-end talents in botany, molecular biology, microbiology, dermatological medicine, fine chemicals and other disciplines.

# DIRECTOR OF THE INSTITUTE


## Xie Yunbo

### Director of Moksha Institute of Science and Technology.

- Director Xie, with 20 years of experience in skincare product development, specialises in high-end efficacy skincare product development.
- Established Sino-Japanese and Sino-South Korean joint experimental institutions, and has many years of experience in operation and management of large-scale cosmetics research and development institutions.
- Presided over the development of more than 3,000 product formulations, and the total sales of all products exceeded 10 billion.

# PhDs Team (Out of order)

## Li Haihang

PhD (Phytochemistry and Molecular Biology)

Professor, PhD supervisor, School of Life Sciences, South China Normal University

Director of Guangdong Botanical Society

Pharmaceutical Engineering Committee of Guangdong Pharmaceutical Society Deputy Chairman of the targeted drug research group

Research direction: Natural and biochemical drugs

He has published dozens of Chinese and English papers and applied for 6 patents

## Wang Hao

Postdoctoral Fellow (Active Peptide Research)

PhD in chemistry from Nankai University, Postdoctoral fellow, University of California

"Thousand Talents Plan" of Zhejiang Province,

"Academics at the University of Hamburg", Germany

National outstanding young people, young and middle-aged scientific and technological innovation leaders

Chinese Academy of Sciences "100 people program" researcher

He has published more than 100 papers 3 U.S. patents and 15 Chinese patents

## Mao Yongjin

PhD (Natural Surfactants)

Ph.D. in Biochemistry and Molecular Biology, Chinese Academy of Sciences Guangdong Cosmetic Science and Technology Research Association - Senior engineer

Director of Guangdong Cosmetic Society

Vice Chairman of the formulation Committee of Guangdong Cosmetic Society

He has served as technical director and director of research department of many companies' R & D center

## Meihua Tao

PhD (Microbiology Research)

PhD, South China Institute of Botany, Doctor, South China Institute of Botany, Chinese Academy of Sciences

Visiting scholar, University of North Carolina, USA

Guangdong Institute of Microbiology engaged in research for 10 years,

Presided over and participated in more than 10 national fund, provincial science and technology plan projects, published 23 papers, applied for 8 national invention patents

He was the technical consultant of Guangzhou Marubi Biotechnology Co.,Ltd

## Wu Jiang

PhD (Microbiology Research)

Doctor of Organic Medicinal Chemistry, Georgia State University, USA

Associate Researcher, School of Life Sciences, University of Science and Technology of China

The second Industrial Peptide Conference won the Scientific and Technological Innovation Award.

Qinghai Thousand Talents Programme, Gansu Baiyin Science and Technology Talents, Zhejiang Jinhua Shuanglong Programme

## Liu Lei

PhD (Phytochemistry and Molecular Biology)

Top Ten Outstanding Young Scientists in National Agricultural Products Processing Industry.

Hundred Innovative Figures of Postdoctoral Fellowships in Guangdong Province.

Guangzhou Zhujiang Rising Stars of Science and Technology.

Jiangmen High-level Talents.

Guangdong Enterprise Science and Technology Specialist.

Won the Second Prize of National Scientific and Technological Progress and the Gold Prize of National Invention Exhibition.

# JOINT R&D

**Guangdong Pharmaceutical University**
Industry-Academia-Research Base for Universities

**Jinan University**
Industry-Academia-Research Base for Universities

**Zhongkai Agricultural Engineering College**
Industry-Academia-Research Base for Universities

**Royal DSM Group**
Strategic Research Co-operation

**Lonza Group (Switzerland)**
Strategic Research Co-operation

**Zhejiang Peptide Biological Co.**
Bioactive Peptide Research Centre

**CODIF International Group (France)**
Marine Biology Application Research Institute

**Chongqing xiaowan Bio-technology Co.**
Microencapsulation Technology Application Development Laboratory

**Shanghai Jiakai Biotechnology Co.**
Integrated Plant Application Research Institute

# INNOVATIVE INDUSTRIES

## Bioengineering Applied Research Center

Strategic cooperation with famous scientific research teams and major universities, the use of advanced technology to develop unique and high-quality raw materials, through material innovation to enable enterprises to achieve breakthroughs in formula, efficacy and use experience.

### 3 major technology

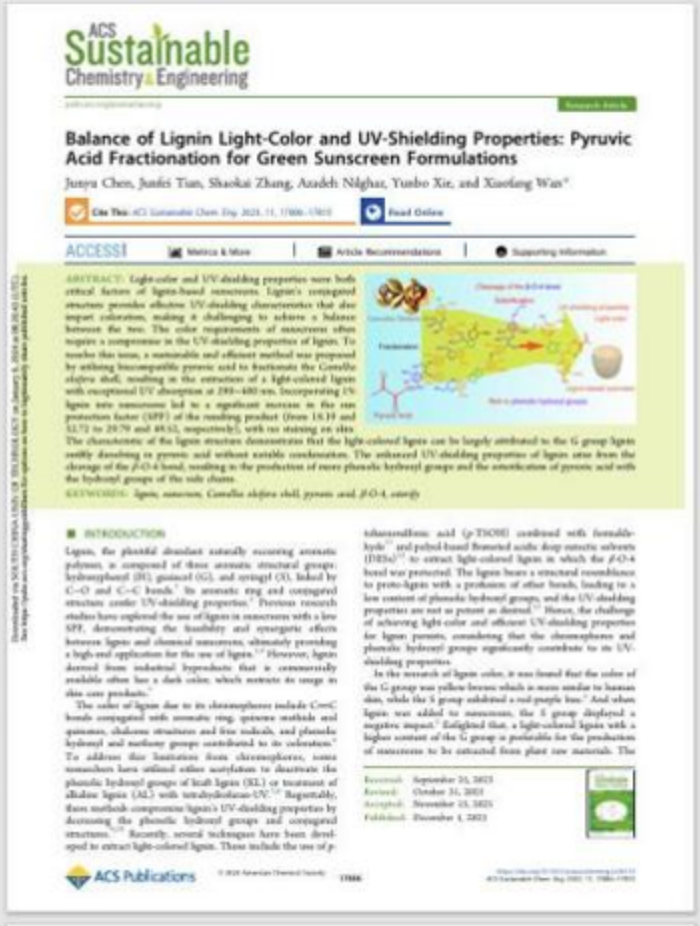
- **Plant Extraction Technology**
- **Genetic engineering technology**
- **Biological fermentation technology**

# PLANT EXTRACTION TECHNOLOGY

## Extraction and purification of active ingredients from various plants

Guided by innovation, high efficiency and cost performance, we provide the most valuable plant extract solutions, extract active substances through multi-stage centrifugal filtration precipitation, multi-stage separation and purification, and increase the efficacy of product formulation.

# ACHIEVEMENTS IN SCIENTIFIC RESEARCH



ACS Sustainable Chemistry & Engineering

**Balance of Lignin Light-Color and UV-Shielding Properties: Pyruvic Acid Fractionation for Green Sunscreen Formulations**

Junya Chen, Junfei Tian, Shaokai Zhang, Azadeh Nilghaz, Yunbo Xie, and Xiaofang Wan*

ACCESS | Metrics & More | Article Recommendations | Supporting Information

ABSTRACT: Light-color and UV-shielding properties were both critical factors of lignin-based sunscreens. Lignin's conjugated structure provides effective UV-shielding characteristics that also impart coloration, making it challenging to achieve a balance between the two. The color requirements of sunscreens often require a compromise in the UV-shielding properties of lignin. To resolve this issue, a sustainable and efficient method was proposed by utilizing biocompatible pyruvic acid to fractionate the Camellia oleifera shell, resulting in the extraction of a light-colored lignin with exceptional UV absorption at 280−400 nm. Incorporating UV-lignin into sunscreens led to a significant increase in the sun protection factor (SPF) of the resulting product (from 18.19 and 32.72 to 39.79 and 49.63, respectively), with no staining on skin. The characteristic of the lignin structure demonstrates that the light-colored lignin can be largely attributed to the G group lignin easily dissolving in pyruvic acid without notable condensation. The enhanced UV-shielding properties of lignin arise from the cleavage of the β-O-4 bond, resulting in the production of more phenolic hydroxyl groups and the esterification of pyruvic acid with the hydroxyl groups of the side chains.

KEYWORDS: lignin, sunscreen, Camellia oleifera shell, pyruvic acid, β-O-4, esterify

INTRODUCTION

Lignin, the plentiful abundant naturally occurring aromatic polymer, is composed of three aromatic structural groups: hydroxyphenyl (H), guaiacyl (G), and syringyl (S), linked by C−O and C−C bonds.[1] Its aromatic ring and conjugated structure confer UV-shielding properties.[2] Previous research studies have explored the use of lignin in sunscreens with a low SPF, demonstrating the feasibility and synergistic effects between lignin and chemical sunscreens, ultimately providing a high-end application for the use of lignin.[3,4] However, lignin derived from industrial byproducts that is commercially available often has a dark color, which restricts its usage in skin care products.[5]

The color of lignin due to its chromophores include C=C bonds conjugated with aromatic ring, quinone methide and quinones, chalcone structures and free radicals, and phenolic hydroxyl and methoxy groups contributed to its coloration.[6] To address this limitation from chromophores, some researchers have utilized either acetylation to deactivate the phenolic hydroxyl groups of kraft lignin (KL) or treatment of alkaline lignin (AL) with tetrahydrofuran-UV.[7,8] Regrettably, these methods compromise lignin's UV-shielding properties by decreasing the phenolic hydroxyl groups and conjugated structures.[7,8] Recently, several techniques have been developed to extract light-colored lignin. These include the use of p-toluenesulfonic acid (p-TSOH) combined with formaldehyde[9] and polyol-based Brønsted acidic deep eutectic solvents (DESs)[10] to extract light-colored lignin in which the β-O-4 bond was protected. The lignin bears a structural resemblance to proto-lignin with a predecessor of other bonds, leading to a low content of phenolic hydroxyl groups, and the UV-shielding properties are not as potent as desired.[11] Hence, the challenge of achieving light-color and efficient UV-shielding properties for lignin persists, considering that the chromophores and phenolic hydroxyl groups significantly contribute to its UV-shielding properties.

In the research of lignin color, it was found that the color of the G group was yellow-brown which is more similar to human skin, while the S group exhibited a red-purple hue.[6] And when lignin was added to sunscreens, the S group displayed a negative impact.[5] Enlightened that, a light-colored lignin with a higher content of the G group is preferable for the production of sunscreens to be extracted from plant raw materials. The

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ACS Publications



ECOCERT

**ATTESTATION OF CONFORMITY**
**- RAW MATERIALS -**
**COSMOS**

This attestation has been granted by ECOCERT Greenlife to the company:

**GUANGDONG ZHONGKE ZHUOYUAN BIOTECHNOLOGY CO., LTD.**
Room 602, 6th Floor, No.1 Wangsha Cosmetics Production Base Project, No. 11, Guangluo Street, Guangzhou (Qingyuan) Industrial Transfer Park, Shijiao Town,
CHINA

whose non-organic raw materials (listed hereafter) have been assessed as compliant to the standard:

**COSMOS standard (Version 4.0 - including all sub-versions)**

This attestation of conformity has been issued on the basis of the terms and conditions for the verification of raw materials according to the COSMOS standard available on the COSMOS association website: https://cosmos-standard.org/ and the conformity has been established according to the requirements related to the raw materials contained in this standard.

Issued in: L'Isle Jourdain,
the: 11/10/2023,

Emilie CHERIVAL
ECOCERT Greenlife General Manager

**Valid until: 31/12/2024**

- Self-developed plant extraction of raw materials 200+
- 50+ unique origin raw materials
- 20+ organic certified raw materials
- Self-developed plant extraction raw material patents 9
- 2 new ingredients (lignin, blueberry anthocyanins)

# BIOFERMENTATION TECHNOLOGY

Combined with modern microbial engineering, bioreactor is used to strictly control the **dissolved oxygen parameters, thermal parameters, pH, REDOX potential and other important parameters** in the fermentation process, and to produce the high-tech new technology of active preparation from the perspective of skin science.

# SCIENTIFIC RESEARCH RESULTS

Under the leadership of Dr. Liu Lei, participated in the preparation of the 2024 China Cosmetics Blue Book, and wrote the content of the technological innovation section "Biological fermentation technology".

广东省微生物菌种保藏中心
Guangdong Microbial Culture Collection Center (GDMCC)

用于专利程序的生物材料保存
受理通知书（收据）
存活性报告书

本保藏中心登记入册编号：
GDMCC No：63802

1.请求保藏人和(或)代理人的姓名，地址：
孙大鹏
清远市望莎生物科技有限公司
清远市清城区石角镇广清产业园广拓街11号

2.印（们）提供的生物材料名称及注明的鉴别特征：
Streptococcus sp. WS592

3.上述请求保藏的生物材料（株）附有
□ 科学描述
☑ 提议的分类学名称：
Streptococcus sp.

申请专利的发明名称：
申请号NO:
申请日期：

4.该生物材料（株）已于 2023 年 09 月 12 日由本保藏中心收到，并登记入册。
根据印（们）的请求，由该日起保存三十年，在期满前收到提供生物材料样品的请求后再延续保存五年。

5.该生物材料（株）的存活性经本保藏中心于 2023 年 09 月 12 日检测，结果是：
（1）存活 √
（2）失活 /

广东省微生物菌种保藏中心
负责人（签字）
2023 年 09 月 [illegible] 日

广东省微生物菌种保藏中心
Guangdong Microbial Culture Collection Center (GDMCC)

用于专利程序的生物材料保存
受理通知书（收据）
存活性报告书

本保藏中心登记入册编号：
GDMCC No：63802

1.请求保藏人和(或)代理人的姓名，地址：
孙大鹏
清远市望莎生物科技有限公司
清远市清城区石角镇广清产业园广拓街11号

2.印（们）提供的生物材料名称及注明的鉴别特征：
Streptococcus sp. WS592

申请专利的发明名称：
申请号NO:
申请日期：

3.上述请求保藏的生物材料（株）附有
□ 科学描述
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广东省微生物菌种保藏中心
负责人（签字）
2023 年 09 月 [illegible] 日

蓝皮书 |清远市望莎生物科技有限公司剖析化妆品生物发酵技术

广东省化妆品学会 广东省化妆品学会
2024年02月26日 18:00 广东

蓝皮书(2024)编撰工作全面开启

广东省化妆品学会《化妆品产业蓝皮书 -中国化妆品产业研究报告（2024）》编委会组建工作正积极进行中，如有参编意向，欢迎联系蓝皮书编委会彭老师：15622132648（微信同号）。

由社会科学文献出版社出版的化妆品产业蓝皮书，准入要求高，具备权威性，是政府决策、企业战略规划的重要参考书籍。作为行业专业权威的蓝皮书，《中国化妆品产业研究报告（2023）》和《中国化妆品产业研究报告（2022）》的编撰与发行顺应了化妆品行业高质量发展的要求，受到了政府和广大行业人士的认可。

目前，清远市望莎生物科技有限公司参与《化妆品产业蓝皮书-中国化妆品产业研究报告（2024）》技术创新篇"生物发酵技术"编撰工作。

- **More than 50+ fermented ingredients have been successfully developed and applied.**
- **6 patents for fermentation ingredients**

**Two exclusive strains were excavated** and preserved in the Guangdong Microbial Strain Preservation Centre.

# GENETIC ENGINEERING TECHNOLOGY


Genetic engineering technology
Design protein structure and amino acid sequence according to product performance requirements


Design target gene sequence according to protein information


Target gene and plasmid synthesis


The recombinant plasmid was introduced into host bacteria and became genetically engineered bacteria.


Genetically engineered bacteria ferment to express recombinant protein


Isolation and purification of recombinant proteins

Based on the theory of molecular genetics and modern methods of molecular biology and microbiology, **DNA molecules from different sources are constructed in vitro** according to pre-designed blueprints and introduced into living cells to change the original genetic characteristics of organisms, obtain new varieties, and produce new products.

# COSMETIC FORMULATION TECHNOLOGY R&D CENTER

## Cosmetics formula technology R&D center

Scenario-based research and development based on brand tonality and product needs, application of cutting-edge formulation technology and raw materials, to create highly recognizable, pleasant skin experience, innovative products.

- Microencapsulation technology
- Lyophilised lock fresh technology
- Liquid crystal nanoemulsification technology

# MICROENCAPSULATION TECHNOLOGY


## Microencapsulation

Leading industry microencapsulation technology, each microcapsule is an independent "lock fresh warehouse", the internal formation of a close blockade of fresh space, isolation of external light oxygen impact, locking ingredient activity. Innovative product appearance, breakthrough lock fresh technology, unique skin experience, give products more creative space.

# FREEZE-DRYING TECHNOLOGY


-49c vacuum sublimation freeze-drying technology, through the three stages of pre-freezing, sublimation and refreeze-drying, quickly remove the water of the product, so that the active substance in a waterless freeze-drying state.

Reduce the influence of water, microorganisms and chemical reactions, so that high-active ingredients are always in a high fresh state.

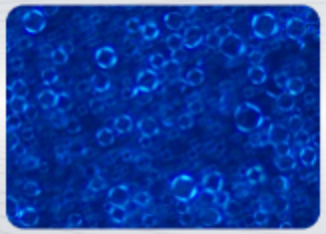
## Advantages of Lyophilised Category

- Built in strict accordance with pharmaceutical standards, tens of millions of dollars to build independent aseptic 100-level workshop, injection grade standard heavy distilled water.
- Obtained "ISO", "GMPC" double international certification, equipped with international advanced freeze drying, automatic filling and testing and analysis equipment.
- Product types include: freeze-dried ball, freeze-dried powder, two-color freeze-dried powder, etc., to provide one-stop customized processing services.

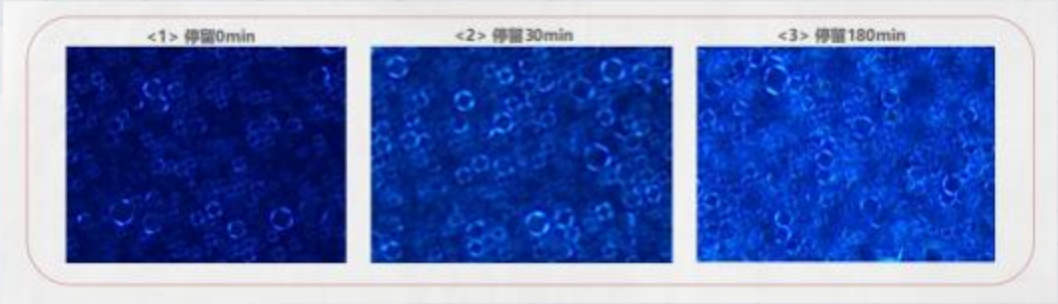
# LIQUID CRYSTAL NANOEMULSION TECHNOLOGY

The layered liquid crystal structure of the liquid crystal emulsion system is similar to the lipid structure between keratinocytes, "bionic" second skin protection, and has the characteristics of slow release of active ingredients and reduce product irritation.

## Patented technology



Liquid crystal structure under polarized light microscope
(concentric layered liquid crystal)




- The liquid crystal structure of the samples scraped from the skin test site at different times can be observed under a polarizing microscope.
- After 3 hours *, the liquid crystal structure can still remain intact and can remain intact on the skin surface for a long time


发明专利证书

# TECHNICAL ACHIEVEMENTS

**72** Authorised Patents

**500+** Effective Formulas

**6000+** Mature Formulas

# TESTING CENTER

## CLUB

- efficacy evaluation laboratory
- human safety evaluation laboratory
- sensory evaluation laboratory
- chicken embryo laboratory
- zebrafish laboratory
- cell laboratory
- chemical analysis laboratory
- microbiology laboratory
- physical and chemical laboratory
- packaging material testing laboratory

## Fangxue Testing Center

- National CMA laboratory certification
- Total area of 423.8 square metres in the Fangxue testing laboratory
- Qualified as a third party for the record
- 10 laboratories of efficacy
- Can issue impartial data, results and test reports for the society.


# SAFETY EVALUATION CENTER

## Product safety evaluation :

Human skin patch test.
Chick embryo chorionic villus allantoic membrane test.
Zebrafish embryo swing count.

## Anti-corrosion challenge testing:

Tests the preservative capacity of formulations to ensure the safety and stability of the product during shelf-life and open-cap use.

## Prohibited substances and ingredients testing:

Testing of antibiotics, hormones, heavy metals and other prohibited substances, as well as sunscreen agents, efficacy of active ingredients, conventional physical and chemical indicators of cosmetics, etc., to ensure the safety and effectiveness of raw materials and products.

## Legal services registration and filing services:

Test Reports
Audit of formula ingredients
Product Labeling Audit
Product filing service
Enterprise standardization
Regulatory Consulting Services
Regulatory training services

# SAFETY EVALUATION CENTER

## Sensory evaluation:

Establishment of a cosmetic sensory evaluation system for formulation development testing, batch quality uniformity assurance, competitive analysis and comparative evaluation, and product functionality testing.

## Cellular & microbiological efficacy testing:

Anti-wrinkle lab test
Firming lab test
Soothing lab test
Oil control lab test
Hair Care lab tests

## Human efficacy evaluation tests:

Moisturizing, anti-wrinkle, firming, soothing, oil control, anti-dandruff, Anti-Acne, Repair, Nourish Body Efficacy Ratings
Mild and non-irritating Consumer self-assessment
Exfoliating
Sensitive Skin Consumer Ratings

## Extreme Efficacy Database:

Screening out the optimal data model and corresponding formulas for different efficacies, building a database of efficacies, which can be quickly matched to the needs of brand efficacy formulas.

03

PART THREE

# PRODUCTION CAPACITY

MOKSHA望莎

# TWO MAJOR PRODUCTION BASES

## Qingyuan Moksha Biotechnology Co., Ltd.

Qingyuan Moksha Bio-technology Co., Ltd. is located in Guangqing Industrial Park of Guangqing Economic Special Co-operation Zone, which mainly produces skincare and toiletry products.

- 60,000㎡ standardized production base
- Equipment and machinery with an annual output value of 1 billion products
- GMPC and ISO22716 qualification certification
- Standardised 100,000-grade purified production workshop
- Standardised 100-grade aseptic production workshop
- 17 intelligent production lines

## Guangzhou Yuduo/Youpin Biotechnology Co., Ltd.

Guangzhou Yuduo/Yupin Biotechnology Co., Ltd. was established in 2012, located in Guangzhou Huadu Yimei Industrial Park, with 13 production lines, explosion-proof workshop and the most advanced automatic lipstick production line, the product production of lip, eye and face make-up categories.

# INTERNATIONAL CERTIFICATION


## INTERNATIONAL PRODUCTION STANDARDS CERTIFICATION

GMPC Certification Certificate GMPC Good Manufacturing Practice Certification for Cosmetics in Europe and the United States;

ISO 22716 Certification Certificate International Organisation for Standardisation (ISO) Good Practice in Quality Management Certification.

# PRODUCTION CAPACITY OF QINGYUAN BASE

**13** sets of advanced vacuum homogenising kettles

**97** tonnes per day emulsification capacity

**1** set of pharmaceutical injection grade water purification system

**3** sets of water purification system

Adopting error correction system, the formula is first audited and stored in the computer system, the weighing personnel find out the production formula in the system → scanning the barcode of raw materials → weighing on the scale according to the regulations → automatically marking after passing the error correction system → pasting on the raw material package → the central quality control checking the raw material's colour, form, quantity, etc. → emulsification personnel according to the process requirements of the temperature, homogenization time and speed, solubility, feeding order, scanning the barcode gun with the anti-error correction system. Scanning and feeding → emulsification is completed according to the specified requirements → the central quality control takes samples to do physical and chemical tests → qualified → out of the pot → the central quality control labels to be checked → microbiological quality control takes samples to be micro-checked → qualified → labeled qualified → to be used.

# INTELLIGENT PRODUCTION WORKSHOP

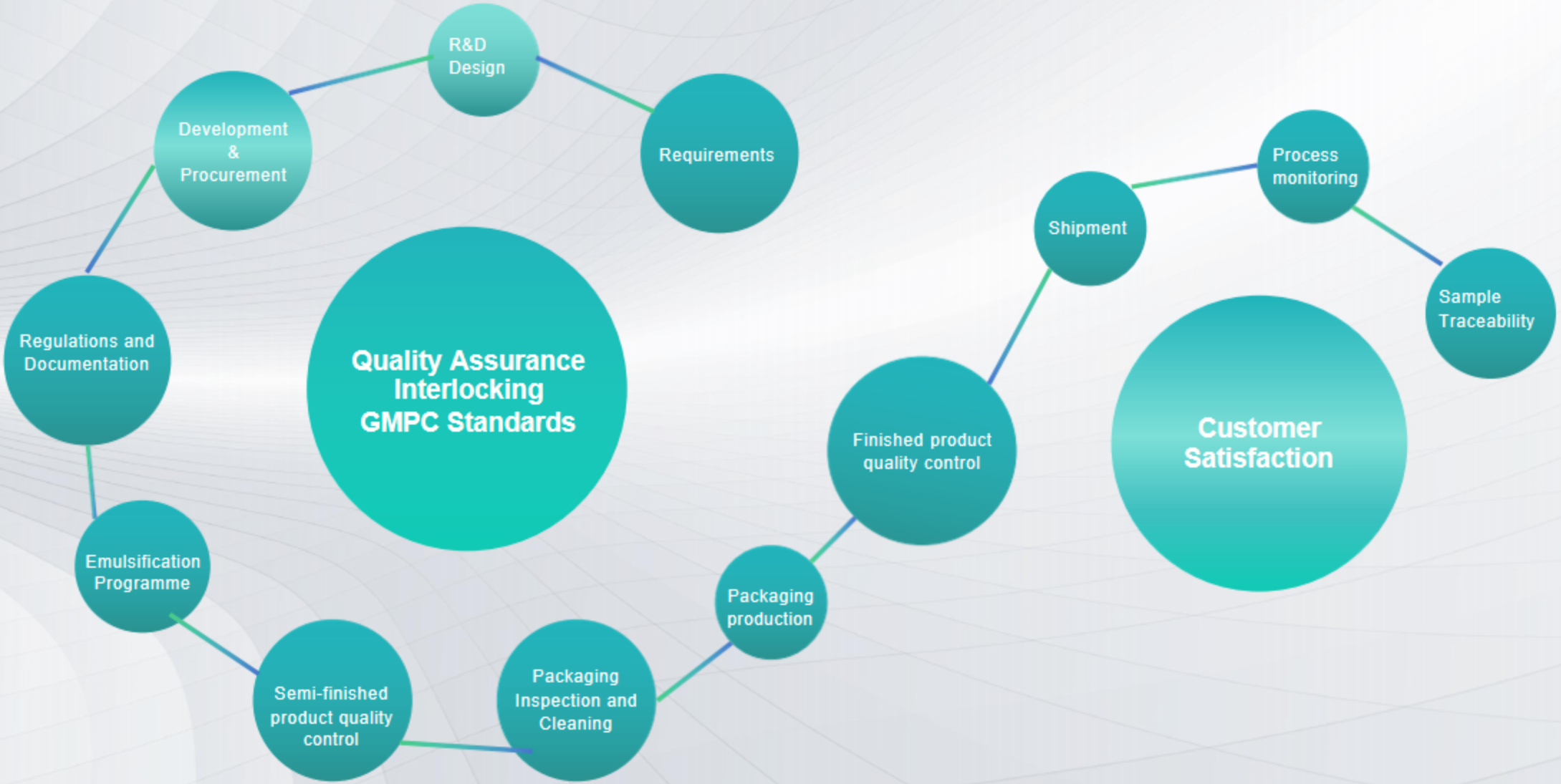
## Moksha Intelligent Production Workshop

With modern, intelligent and automated production equipment, the production and management are upgraded with comprehensive data, creating a high-quality and high-efficiency production system, and responding quickly to brand delivery needs.

**Daily production capacity:**

- **17** Intelligent production lines
- **500,000** boxes Lotion & Cream
- **8** Fully automated production lines
- **400,000** Bags & Pouches
- **300,000** pieces Toiletries & care
- **1 000 000** Pieces Facial mask

# QUALITY CONTROL



# QUALITY CONTROL

01 **Prenatal Stage**

- Air detection - weekly
- Pure water is tested - daily
- Raw material inspection - per batch
- Water quality using reverse osmosis water treatment equipment to achieve high quality pure water requirements

02 **Physical and chemical testing**

- Sanitary index detection of semi-finished products
- Pre-filling inspection, sample matching,
- Physical, chemical and sensory indexes were examined
- Microbial detection
- Do not accept unqualified materials

03 **Package testing**

- Sampling inspection before warehouse entry
- Full inspection before production
- Strict implementation of cleaning, disinfection, sterilization production procedures

04 **Production inspection**

- Monitor the emulsification process throughout
- Filling, packaging first sample confirmation
- Whole process of bottle washing, filling and packaging
- Sufficient safety and efficacy testing for mass production

05 **Inspection of shipping process**

- Do not produce unqualified finished products
- On-site inspection
- Product warehousing
- Inspection of finished product
- Do not discharge unqualified products

# QUALITY CONTROL

## prenatal stage

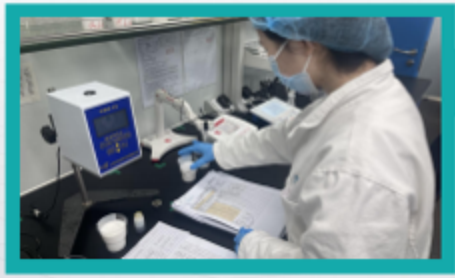
Weekly air tests
Pure water Daily testing
Raw materials Tested every batch
Water quality Reverse osmosis water treatment equipment to achieve high quality pure water requirements

## Physical and chemical testing

- Semi-finished products hygiene index testing and pre-filling testing, sample, physical and chemical, sensory indexes of the whole inspection
- Microbiological testing (in strict compliance with GMPC standards)
- Production compliance: do not receive unqualified raw materials

## Package testing

- Sampling before entering the warehouse, full inspection before production
- Strict implementation of cleaning, disinfection, sterilisation production procedures



## Production inspection

- Production site, engineers monitor the whole emulsification process
- Quality inspector to confirm the first piece of filling and packaging, and monitor the whole process of bottle washing, filling and packaging.
- Adequate safety and efficacy tests are carried out for batch production

## Inspection of shipping process

On-site quality inspection, product warehousing, finished product inspection
Shipments follow: do not flow out of unqualified products

# ADVANTAGEOUS CATEGORY

## SKIN CARE CATEGORY

**Advantages:**
6000+ mature formulations
500+ efficacy formulations
**Production capacity:**
40+ tonnes per day of emulsification

## FACIAL MASK CATEGORY

**Advantages:**
Independent R&D team
450+ mature formulations
**Production capacity:**
Daily capacity: 1+ million tablets

## MICROCAPSULES CATEGORY

**Advantages:**
8 major microencapsulation series
Flexible production customisation
**Production capacity:**
Emulsification daily capacity: 8+ tonnes


## LYOPHILIZED POWDER CATEGORY

**Advantages:**
Pharmaceutical grade production standards
Polymorphic lyophilisation technology
**Production capacity:**
Daily capacity: 300,000 pairs

# ADVANTAGEOUS CATEGORY


**Advantages:**
Independent R&D team
800+ mature formulas

**Emulsification daily capacity: 12+ tonnes**


**Advantages:**
1400+ mature formulas
Automatic canning line

**Daily capacity: 200,000 sticks**


**Advantages:**
Independent production base
Complete range of products

**Production daily capacity: 300,000 sets**


**Advantages:**
Efficacy wash and care formulations
Reserve supply chain integration cost-effective

**Emulsification daily capacity: 25+ tonnes**

04

PART FOUR

# COOPERATIVE PARTNER

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# RAW MATERIAL SUPPLIER PARTNERS

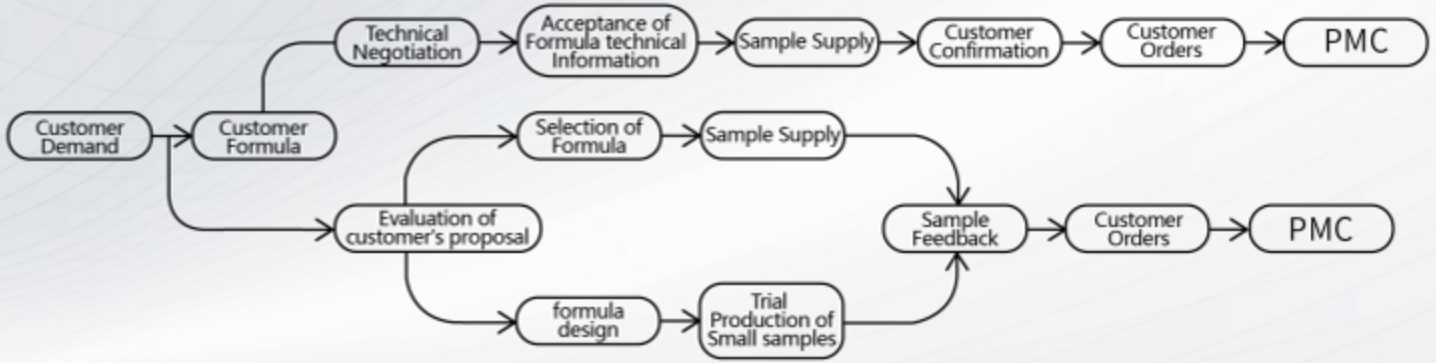
(THE FOLLOWING ARE SOME OF THE RAW MATERIAL SUPPLIERS, IN NO PARTICULAR ORDER)

# COOPERATIVE BRAND

(THE FOLLOWING ARE SOME OF THE PARTNER BRANDS, IN NO PARTICULAR ORDER)

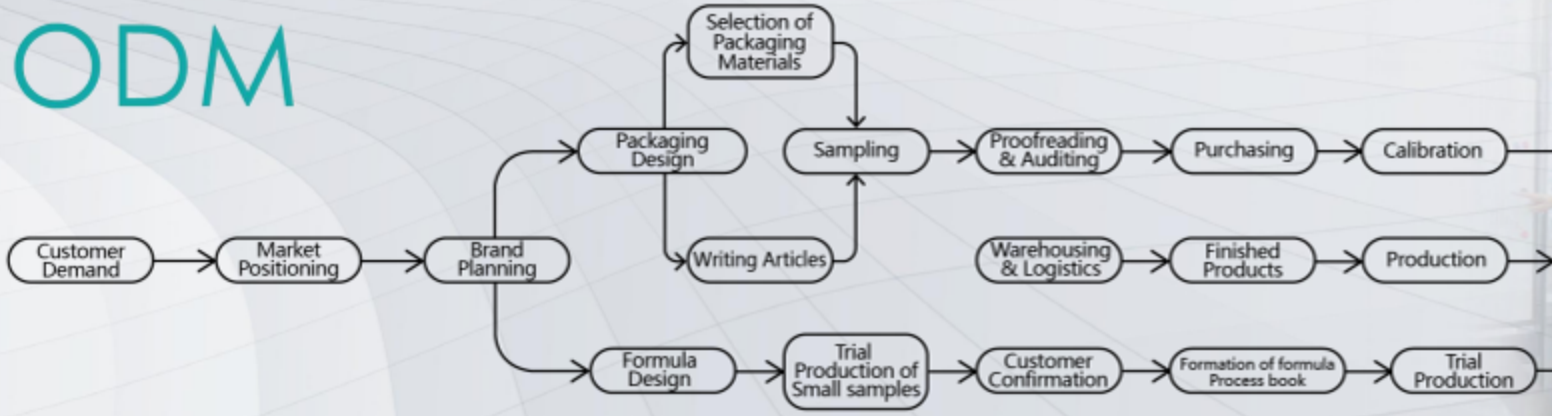
# ENTIRE CASE SERVICES

## OEM




Suitable for customers who have already registered their brands and completed the planning and design.

## ODM




Suitable for customers who have registered their brands but have not completed planning and design, we can help customers with planning, design, R&D and manufacturing.

MOKSHA望莎

Share Beauty with Technology & Validate Strength with Efficacy