

CINC High Purity Solvents Shanghai Co., Ltd

Professional High Purity Solvent Manufacturer
Serving Global Customers

Catalog

01 CINC Introduction



02 Manufacturing
Advantages



03 Quality Control



04 Main Products



PART 01

CINC

Introduction

01 CINC Introduction



Chinese Market Share

No.1

Production Capacity

75,000+ tons/year

CINC with Leading Technology

CINC High Purity Solvents (Shanghai) Co., Ltd, subsidiary of Zhejiang Tianyu Pharmaceutical Co., Ltd (stock code: 300702), was established in **2005** and primarily engaged in manufacturing and distribution of top-class high purity solvents. CINC has now become the largest R&D center and manufacturing base in Asia with production capacity of **75,000 tons** per year.

CINC provide high purity solvents of LC-MS grade, UPLC grade, HPLC Gradient grade, HPLC grade, RESI grade, Anhydrous grade and PREP grade. We sell more than **1.4 million** bottles of HPLC solvents and **40,000 tons** of PREP solvents per year to customers in pharmaceutical industry, research institutes, testing companies, electrical manufacture industry etc. in China and all over the world.

Annual Sales

Over 1.4 Million 4L Bottles

Customers

5,000+

02 CINC Introduction



Shanghai manufacturing base

Land: 40,000m²

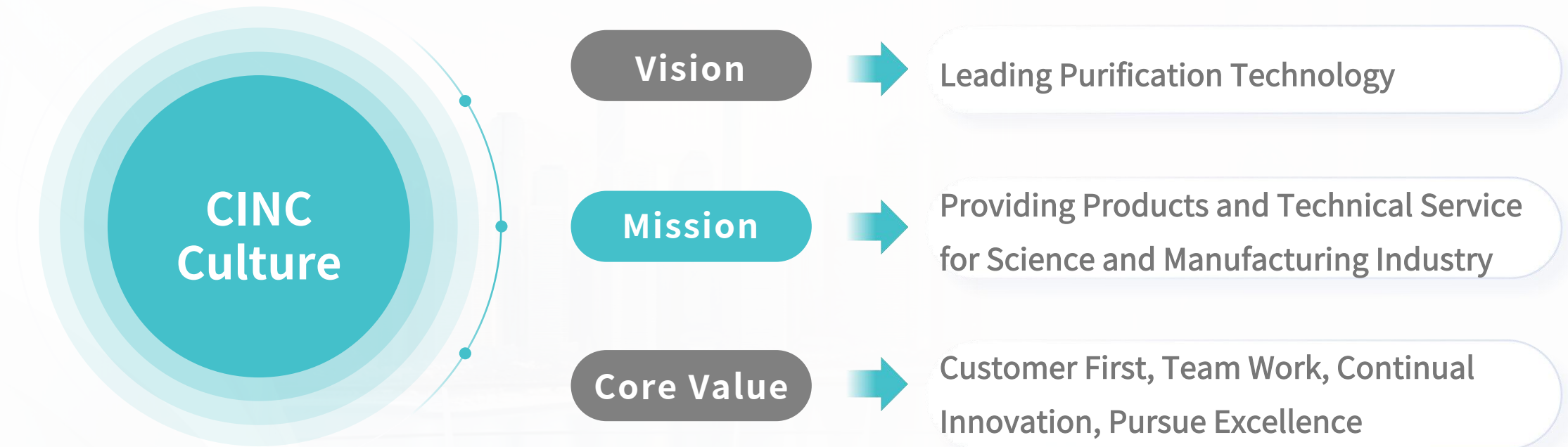
Capacity: 15,000tons/year



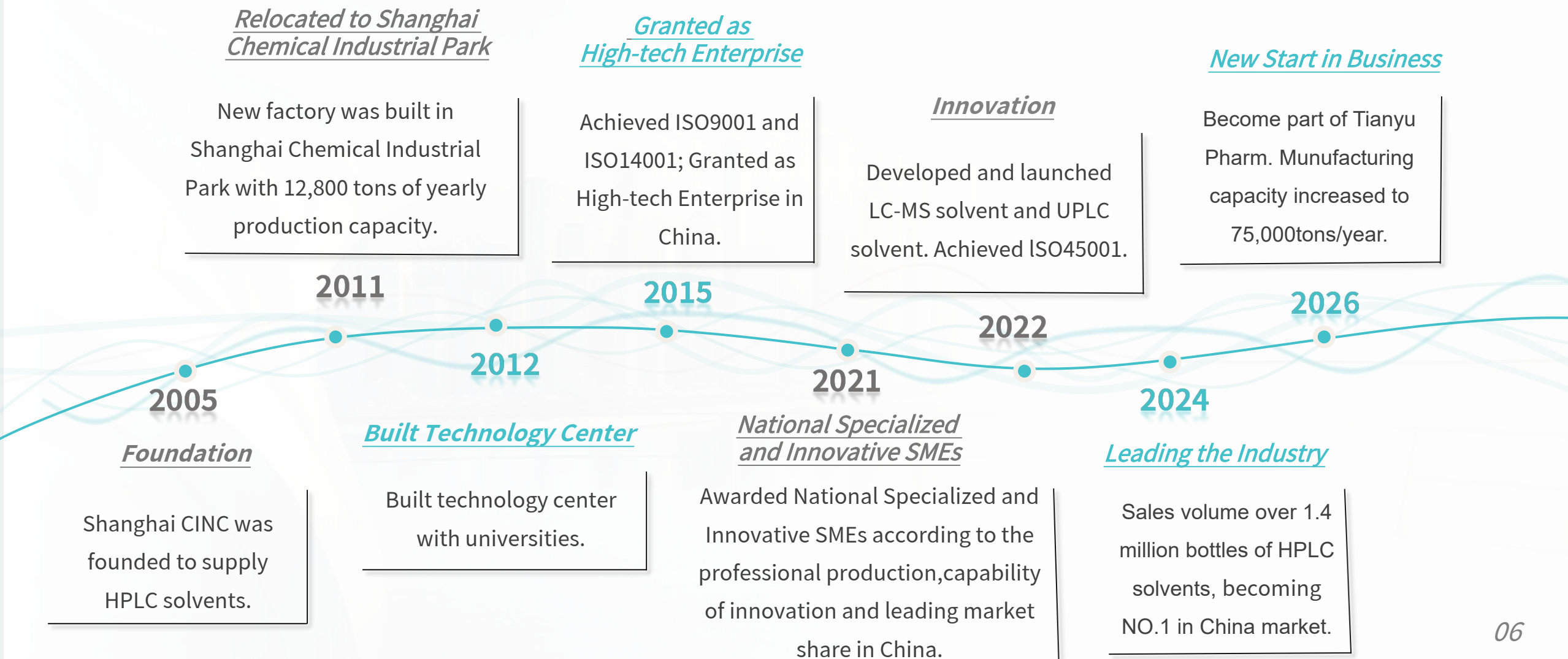
Shandong manufacturing base

Capacity: 60,000tons/year

03 Company Culture



04 Company History



05 Honor and Certifications

Certifications



ISO9001

ISO45001

ISO14001

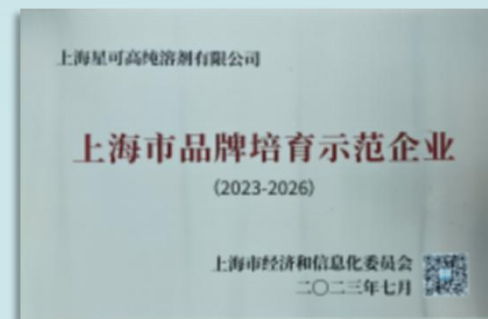
D-U-N-S
Registered
Company

Honor & Certifications

- High-tech Enterprise
- National Specialized and Innovative SMEs
- Shanghai Brand Cultivation Enterprise.
- Shanghai Strategic Key Project in Emerging Industries
- ISO9001 / ISO14001 / ISO45001
- D-U-N-S Registered Company



National Specialized and Innovative SMEs



Shanghai Brand Cultivation Enterprise



High-tech Enterprise

06 National Sales Channels



-  *Shanghai Sales Office*
-  *Guangzhou Sales Office*
-  *Beijing Sales Office*
-  *Wuhan Sales Office*
-  *Jinan Sales Office*
-  *Shenyang Sales Office*
-  *Chengdu Sales Office*

National Sales Channels

7 sales offices providing quick service response to over 5,000 customers

4 logistic centers in Shanghai, Tianjin, Jinan and Chengdu

Cover over 200 cities

Customized products and packages

07 Global Sales Channels



Global Sales Channels

Exported to **Southeast Asia, South America, North America, Europe, the Middle East, and Africa**

Service cover **more than 30** countries

Customized products and packages

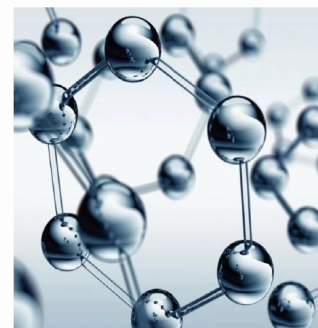
08 Our Customers



CRO



Chemical Pharmacy



Peptide Pharmacy



Gene Synthesis



*Agricultural
Chemical*



*Chinese Herbal
Medicines*



Testing Companies



*Research Institutes &
Universities*

BUSINESS PLAN

PART 02

Manufacturing Advantages

01 International Standard Factory

TV 天宇股份
TIANYU PHARM
Stock Code: 300702



02 International Standard Factory

Reliable Raw Materials

- Select best raw materials inside the Industrial Park, timely and stable supply is guaranteed;
- Complete test process is adopted after arrival of the raw materials;
- 2600m³ tanks for sufficient storage.

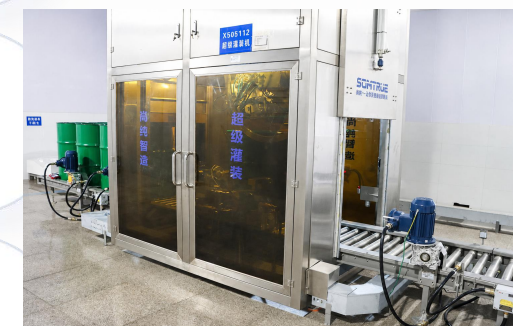


Quality Control System

- Independent QA&QC dept.;
- Advanced test equipment and complete test process are used during the operations.

Automatic Production Lines

- Automatic and efficient production system, making better production results and lower cost possible;
- Visualize control system to guarantee the safe production.



Standard Warehouse

- Professional HPLC solvent warehouse for safe storage;
- Simplified order and stock out process for efficient delivery.

03 Innovation is Core Competitiveness

30+ professional
R&D members

20+ HPLC patents

20+ HPLC techniques



BUSINESS PLAN

PART 03

Quality Control

01 Advanced Operation & Lean Production

Quality Monitoring of Entire Process

*Monitor the data of **purity, moisture, pH, UV absorbance / transmittance** and other related data of each step during production.*

*COA of each batch of products can be achieved through **CINC wechat and website**, ensuring the traceability of product quality.*

01 Raw materials arrival

02 Raw materials into tank

03 Pretreatment

04 Distillation purification

05 Into semi-finished product tank

06 Into finished product tank

07 Filling and packing

08 Test and into storage

02 QA&QC Quality Control System

- Passed ISO9001, ISO14001 and ISO45001 certifications.
- Over 50 staff working for QA&QC system.
- Advanced test equipments ensures high standard quality.



03 Unique Technology Ensures Stability



Pre-
treatment

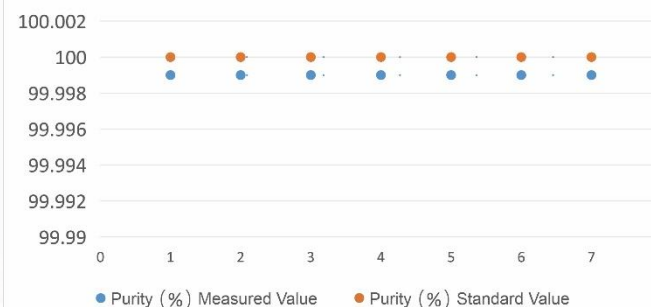
Nitrogen
protection

0.05μm
filter

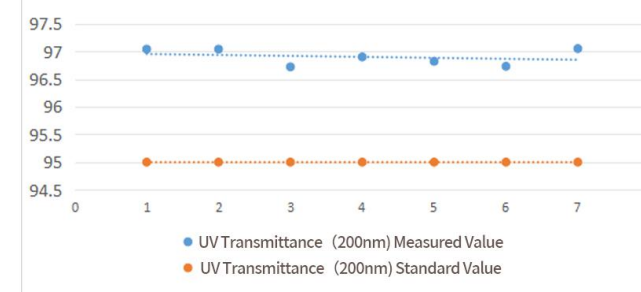
Five
detection
indicators

Customized
products/
packages

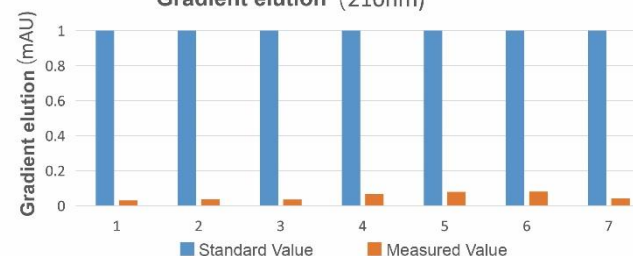
Purity (%)



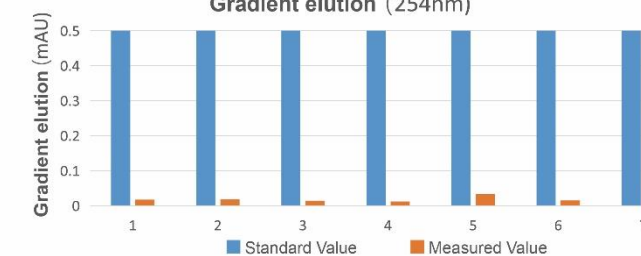
UV Transmittance (200nm)



Gradient elution (210nm)



Gradient elution (254nm)



BUSINESS PLAN

PART 04 Main Products

01 Main Products

LC-MS Grade

LC-MS solvents produced by CINC have extremely low organic impurities, trace metal and background noise, which greatly reduce the variables in the analysis tests, it is applied in the LC-MS analysis for ppb level.

Suitable for LC-MS, HPLC, UPLC, UHPLC, LC-CAD instruments.

Conforms to Acetonitrile for chromatography and Acetonitrile R1 according to Reag.Ph Eur.

Conforms to the requirements of ACS and EP for liquid chromatography suitability.

Advantages:

- Ultra-high purity.
- Excellent batch stability with consistent peak retention times.
- Tested by high-sensitive LC-MS in ESI positive and negative modes.
- Low organic impurities and trace metals, reducing interference to trace and unknown samples.
- Filtered through **0.05 μ m** membrane, low volatile residue and solid particles, which reduces downtime caused by chromatographic column failures.
- Suitable for LC-MS, HPLC, UPLC, UHPLC, LC-CAD instruments, meeting trace level detection requirements.



Package: 1L / 2.5L / 4L

02 Main Products

UPLC Grade

UPLC is a superior series launched by CINC. it has achieved top-level parameters and filled by automatic production lines, which ensure the stability and excellent experiment results.

Suitable for life sciences, pharmaceutical analysis, food testing, environmental monitoring, and fine chemical analysis, it has been widely adopted by research institutions, testing organizations, as well as corporate R&D and quality control departments for analytical applications.

Suitable for HPLC, UPLC, UHPLC, LC-CAD instruments.

Conforms to the requirements of ACS and EP for liquid chromatography suitability.

Advantages:

- Excellent UV absorption curve, subjected to the rigorous UV/Vis gradient elution and fluorescence detection.
- Low UV background absorption to ensure high sensitivity of sample detection and avoidance of ghost peaks.
- Strictly control the content of free acid and free alkali to avoid the influence of product pH on experimental results.
- Low gradient was eluted from the impurity peaks at 210nm and 254nm.
- Filtered through **0.05 μ m** membrane, low volatile residue and solid particles, which reduces downtime caused by chromatographic column failures.
- Compatible with HPLC, UPLC, UHPLC and LC-CAD systems for trace level detection, offering a cost-effective alternative to Merck HPLC grade solvents.



Package: 1L / 2.5L / 4L

03 Main Products

HPLC Gradient Grade

Applied in lab tests of pharmaceutical development, separation and purification, food and beverage safety detection environment detection etc.

Suitable for HPLC, 2D-LC instruments.

Conforms to the requirements of ACS and EP for liquid chromatography suitability.

Advantages:

- Excellent UV absorption curve, subjected to the rigorous UV/Vis gradient elution and fluorescence detection.
- Superior batch-to-batch consistency, with stable retention time, enhancing result reliability.
- Strict control of free acid and free alkali content, minimizing pH-related interference in experimental outcomes.
- Low gradient elution impurities at 210 nm and 254 nm, improving accuracy and precision in quantitative analysis.
- Filtered through **0.05 μ m** membranes, reducing volatile residues and particulate matter, thereby decreasing instrument downtime due to column failure and extending equipment lifespan.
- Comply with CHP 8001 requirements for UV absorbance and gradient elution criteria in chromatography.



Package: 1L / 2.5L / 4L

04 Main Products

HPLC Grade

Applied in lab tests of pharmaceutical development, separation and purification, food and beverage safety detection environment detection etc.

Suitable for HPLC, 2D-LC instruments.

Conforms to the requirements of ACS and EP for liquid chromatography suitability.

Advantages:

- Excellent UV absorption curve.
- Low UV background absorption to ensure high sensitivity of sample detection and avoidance of ghost peaks.
- Superior batch-to-batch consistency, with stable retention time, enhancing result reliability.
- Strict control of free acid and free alkali content.
- Filtered through 0.22 μm membranes, reducing volatile residues and particulate matter, thereby decreasing instrument downtime due to column failure and extending equipment lifespan.



Package: 1L / 2.5L / 4L

05 Main Products

RESI Grade

Solvent for environment and pesticide residues analysis. Applied for all the trace analysis including PAHs, PCBs, insecticide, as well as chloride, GC-MS analysis for pesticide residue.

Advantages:

- High sample detection sensitivity, suitable for trace analysis.
- Excellent batch stability, ensuring reliable results.
- Low background level of pesticide residue, low background level of elements of N, P, S etc., stable baseline, suitable for detectors like ECD and NPD.
- Low organic impurity content and minimal non-volatile components, suitable for pesticide residue analysis and detection of low volatility impurities.
- Filtered through 0.22μm membrane, low volatile residue and solid particles.



Package: 1L / 2.5L / 4L

06 Main Products

Anhydrous Grade

Applied in organic synthesis, organometallic reaction, oligonucleotides and combinatorial chemicals.

Advantages:

- Low water content.
- Free of stabilizers.
- Low evaporation residue.
- Excellent batch stability.
- Filtered through 0.22μm membrane, low volatile residue and solid particles which reduces downtime caused by chromatographic column failures.



Package: 1L / 2.5L / 4L



07 Main Products

Preparative Grade

Applied in preparative stage and synthesis of polypeptide.
Excellent performance in pharmaceutical synthesis, impurity separation and purification process.

Advantages:

- Low organic impurity content, guaranteed API purity.
- Low UV absorption, high signal sensitivity, avoiding ghost peaks and erroneous conclusions.
- Low water content, good preparative reproducibility, excellent sample stability.
- Excellent batch stability, and high efficiency in scaled production.
- Filtered through 0.22μm membrane, low volatile residue and solid particles.
- Suitable for preparative HPLC purification, such as the purification of semaglutide and tirzepatide.



Package: 18 tons

Contact Us

Email: export@cincgrp.com

Website: www.cincgrp.com

*Address: No. 68 North Yinhe Road,
Shanghai Chemical Industry Park, Shanghai, China*