

PRODUCT CATALOG

Nucleotides|Coenzymes
Biochemical Intermediates

High Purity | GMP Manufacturing

Global Supply

Shanghai Vincubio Technology Co., Ltd.



High Quality



Reliable Supply



Global Export



Professional Service

COMPANY PROFILE

About Vincoubio

Shanghai Vincoubio Technology Co., Ltd. is a professional supplier specializing in nucleotide products, NAD precursors, and functional biotechnology ingredients.

With comprehensive product lines, strict quality control systems, and reliable international supply capabilities, we serve customers across pharmaceutical, nutraceutical, cosmetic, and research industries worldwide.

We are dedicated to the research and development of high-purity bioactive compounds, nucleosides, nucleotides and coenzyme ingredients for pharmaceutical, nutraceutical and cosmetic industries.



Complete Portfolio



Strict Quality Control



Global Supply Chain



Professional Certificate



OEM & Customization



Responsive Service



PRODUCT CATEGORIES



01

NUCLEOTIDE SERIES

- Adenosine Series
- Uridine Series
- Guanosine Series
- Cytidine Series

02

NICOTINAMIDE SERIES

- 
- NR Series
 - NMN
 - NAD⁺ / NADP⁺
 - NADH/NADPH

03

BIOCHEMICAL INTERMEDIATES

- 
- Levodopa
 - Ectoine
 - Glutathione
 - Coenzyme Q10
 - Citicoline (Sodium)

Product Cataloge

No.	Product	CAS
Nucleic Acid Series		
1	Adenosine (A)	58-61-7
2	Adenosine 5'-monophosphate disodium salt (AMP-2Na)	4578-31-8
3	Adenosine-5'-diphosphate disodium salt (ADP-2Na)	16178-48-6
4	Adenosine 5'-triphosphate disodium salt(ATP-2Na)	987-65-5
5	Guanosine(G)	118-00-3
6	Guanosine 5'-monophosphate disodium salt(GMP-2Na)	5550/12/9
7	Guanosine 5'-Diphosphate Disodium Salt(GDP-2Na)	7415-69-2
8	Guanosine 5'-triphosphate disodium salt(GTP-2Na)	56001-37-7
9	Uridine(U)	58-96-8
10	Uridine 5'-monophosphate disodium salt(UMP-2Na)	3387-36-8
11	Uridine 5'-diphosphate disodium salt (UDP-2Na)	27821-45-0
12	Uridine-5'-triphosphate disodium salt(UTP-2Na)	285978-18-9
13	Cytidine(C)	65-46-3
14	Cytidine 5'-monophosphate disodium salt(CMP-2Na)	6757/6/8
15	Cytidine-5'-diphosphate disodium salt(CDP-2Na)	54394-90-0
16	Cytidine 5'-triphosphate disodium salt(CTP-2Na)	36051-68-0
Nicotinamide series		
1	β -Nicotinamide Riboside Chloride(NR-Cl)	23111-00-4
2	Nicotinamide Riboside Malate(NRHM)	2415659-01-5
3	Nicotinamide Riboside Tartrate(NR Tartrate)	2415657-86-0
4	β -Nicotinamide Mononucleotide(NMN)	1094-61-7
5	β -Nicotinamide Adenine Dinucleotide(NAD ⁺)	53-84-9
6	β -Nicotinamide adenine dinucleotide phosphate(NADP ⁺)	24292-60-2
7	Nicotinamide Adenine Dinucleotide (Reduced)(NADH)	606-68-8
8	Reduced Nicotinamide Adenine Dinucleotide Phosphate(NADPH)	2646-71-1
Other Biochemical Products		
1	Levodopa (L-Dopa)	59-92-7
2	Ectoine	96702-03-3
3	Glutathione	70-18-8
4	Coenzyme Q10 (CoQ10)	303-98-0
5	Citicoline	987-78-0
6	Citicoline Sodium	33818-15-4

NUCLEOTIDE SERIES

Vincoubio offers a comprehensive range of high-quality nucleosides and nucleotides, including Adenosine, Uridine, Guanosine, Cytidine, and their corresponding monophosphate (MP), diphosphate (DP), and triphosphate (TP) disodium salts. Manufactured under strict quality control, our products provide high purity, excellent stability, and consistent batch quality, making them ideal for biotechnology, pharmaceuticals, molecular biology, cell culture, IVD, and life science research. Sample quantities and bulk supply are available.



High Purity
99%+



Stable Quality
since 2001



Custom Making
1g-120g

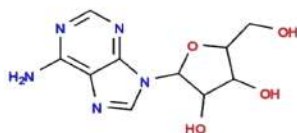


Global Supply
Fast Delivery

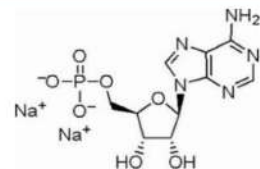


Adenosine series

Adenosine (A)
CAS: 58-61-7
Formula: $C_{10}H_{13}N_5O_4$



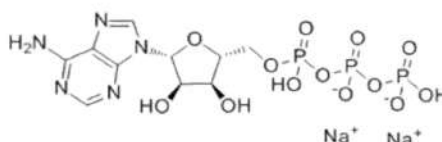
AMP-2Na
CAS: 4578-31-8
Formula: $C_{10}H_{12}N_5Na_2O_7P$



ADP-2Na
CAS: 16178-48-6
Formula: $C_{10}H_{13}N_5Na_2O_{10}P_2$



ATP-2Na
CAS: 987-65-5
Formula: $C_{10}H_{14}N_5Na_2O_{13}P_3$



Introduction

Our Adenosine Nucleotide Series, including **Adenosine**, **Adenosine Disodium (AMP-2Na)**, **Adenosine Diphosphate Disodium (ADP-2Na)**, and **Adenosine Triphosphate Disodium (ATP-2Na)**, represents a comprehensive range of high-purity nucleotide products widely used in life sciences, pharmaceutical development, biotechnology, and research applications. Manufactured under strict quality control standards, these products offer excellent purity, stability, and water solubility, making them suitable for cell culture, molecular biology, enzymatic reactions, in vitro diagnostics (IVD), biopharmaceutical manufacturing, pharmaceutical intermediates, and laboratory research. As essential components of cellular metabolism, Adenosine, AMP, ADP, and ATP play critical roles in nucleic acid synthesis, energy transfer, signal transduction, and various biochemical processes. Available in research and pharmaceutical grades, our products are supplied with consistent batch quality, comprehensive technical documentation including COA and MSDS, and flexible packaging options from laboratory samples to bulk commercial quantities, providing reliable raw material solutions for global pharmaceutical manufacturers, biotechnology companies, research

Packing Specification

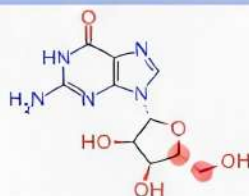
1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage

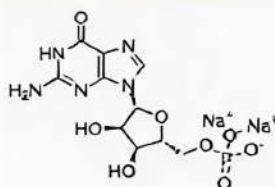
Store in a tightly closed container at 2–8°C, protected from light, heat, and moisture.

Guanosine series

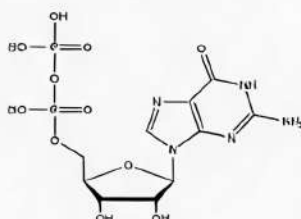
Guanosine (G)
CAS: 118-00-3
Formula: $C_{10}H_{13}N_5O_5$



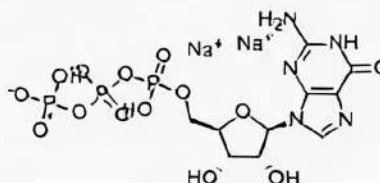
GMP-2Na
CAS: $C_{10}H_{12}N_5Na_2O_7P$
Formula: 5550-12-9



GDP-2Na
CAS: 7415-69-2
Formula: $C_{10}H_{13}N_5Na_2O_{11}P_2$



GTP-2Na
CAS: 55001-37-7
Formula: $C_{14}H_{14}N_5Na_2O_{14}P_3$



Introduction

Guanosine, Guanosine 5'-Monophosphate Disodium (GMP·2Na), Guanosine 5'-Diphosphate Disodium (GDP·2Na), and Guanosine 5'-Triphosphate Disodium (GTP·2Na) are essential purine nucleosides and nucleotides widely involved in nucleic acid synthesis, cellular signaling, energy metabolism, and protein biosynthesis. This product series features high purity, excellent stability, and outstanding water solubility, making it suitable for applications in biopharmaceutical research, molecular biology, cell culture, in vitro diagnostics (IVD), enzyme development, nucleotide-based formulations, and life science research. As key building blocks and intermediates in RNA and DNA-related processes, GMP, GDP, and GTP play critical roles in gene expression regulation, signal transduction, and metabolic studies. Shanghai VincouBio supplies high-quality research-grade and industrial-grade products manufactured under strict quality control standards, ensuring consistent purity, batch-to-batch reliability, and stable global supply for biotechnology companies, pharmaceutical manufacturers, and research institutions worldwide.

Packing Specification

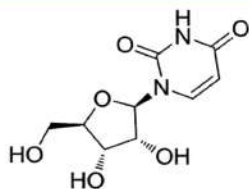
1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage

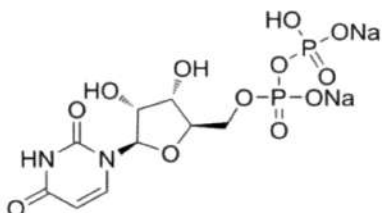
Storage: Store tightly sealed at 2–8°C in a cool, dry, and light-protected place. Protect from moisture and avoid prolonged exposure to heat and air.

Uridine series

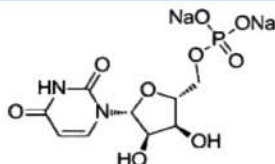
Uridine
 CAS: 58-96-8
 Formula: $C_9H_{12}N_2O_6$



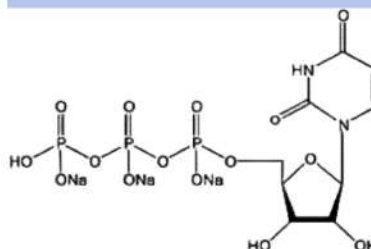
UDP-2Na
 CAS: 27821-45-0
 Formula: $C_9H_{12}N_2Na_2O_{12}P_2$



UMP-2Na
 CAS: 3387-36-8
 Formula: $C_9H_{11}N_2Na_2O_9P$



UTP-2Na
 CAS: 285978-18-9
 Formula: $C_9H_{13}N_2Na_2O_{15}P_3$



Introduction

The Uridine Series includes Uridine, Uridine 5'-Monophosphate Disodium (UMP·2Na), Uridine 5'-Diphosphate Disodium (UDP·2Na), and Uridine 5'-Triphosphate Disodium (UTP·2Na). These naturally occurring pyrimidine nucleosides and nucleotides play essential roles in nucleic acid synthesis, carbohydrate metabolism, cellular signaling, and various biosynthetic pathways. They are widely used in biopharmaceutical research, molecular biology, cell culture, in vitro diagnostics (IVD), enzymatic reactions, life science research, and biomanufacturing, while also serving as key raw materials for nucleotide-based therapeutics and biological formulations. Manufactured under a stringent quality management system, Vincubio supplies high-purity, highly stable products with excellent batch-to-batch consistency, low impurity profiles, and outstanding water solubility. Our products are suitable for both research and industrial applications and are supported by comprehensive technical documentation, including COA and MSDS, as well as flexible packaging and customized supply solutions.

Packing Specification

1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage

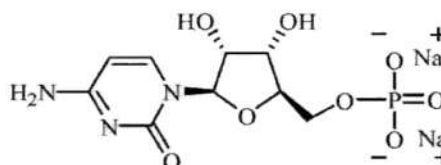
Store sealed in a cool, dry, and dark place at 2–8°C. Protect from moisture, heat, and light.

Cytidine series

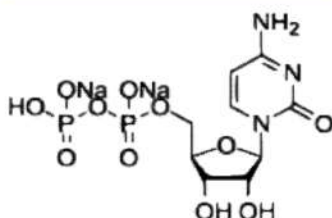
Cytidine
 CAS: 65-46-3
 Formula: $C_9H_{13}N_3O_5$



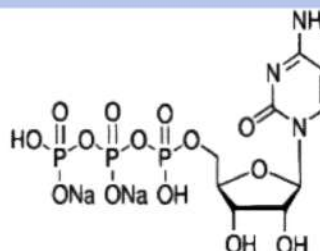
CMP-2Na
 CAS: 6757-6-8
 Formula: $C_9H_{12}N_3Na_2O_8P$



CDP-2Na
 CAS: 54394-90-0
 Formula: $C_9H_{13}N_3Na_2O_{11}P_2$



CTP-2Na
 CAS: 36051-68-0
 Formula: $C_9H_{14}N_3Na_2O_{14}P_3$



Introduction

The Cytidine Series includes Cytidine, Cytidine 5'-Monophosphate Disodium (CMP·2Na), Cytidine 5'-Diphosphate Disodium (CDP·2Na), and Cytidine 5'-Triphosphate Disodium (CTP·2Na). These naturally occurring nucleosides and nucleotides play essential roles in nucleic acid synthesis, cellular metabolism, and biological energy transfer. They are widely used in biopharmaceutical manufacturing, cell culture, molecular biology, in vitro diagnostics (IVD), biocatalysis, life science research, and the development of nucleic acid drugs, coenzymes, and other biotechnology products. Shanghai Vincoubio Technology Co., Ltd. supplies high-purity Cytidine Series products manufactured under a rigorous quality management system to ensure excellent purity, low impurity levels, consistent batch-to-batch quality, and outstanding water solubility. Our products are suitable for laboratory research, process development, pilot-scale production, and commercial manufacturing. Flexible packaging options and customized supply services are available to meet diverse customer requirements, providing reliable raw materials and professional technical support for global biotechnology and pharmaceutical partners.

Packing Specification

1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage

Store tightly sealed in a cool, dry, and light-protected place, preferably at 2–8°C.

Nicotinamide Series

The Nicotinamide Series includes NR, NMN, NAD⁺, NADP⁺, NADH and NADPH for pharmaceutical, nutraceutical and life science applications. Manufactured under strict quality control, our products provide high purity, excellent stability and reliable batch-to-batch consistency for research and industrial use.



**High-Purity
Ingredients**



GMP Manufacturing



Strict Quality Control



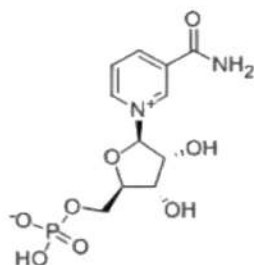
Global Supply Chain

Nicotinamide Series

NMN

CAS: 1094-61-7

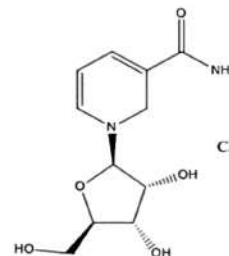
Formula: $C_{11}H_{15}N_2O_8P$



NR-Cl

CAS: 23111-00-4

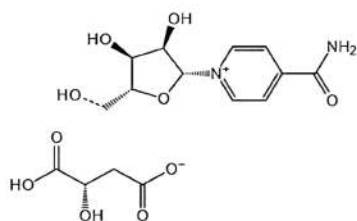
Formula: $C_{11}H_{15}ClN_2O_5$



NRHM

CAS: 2415659-01-5

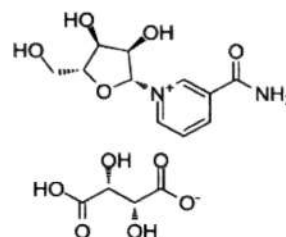
Formula: $C_{15}H_{20}N_2O_{10}$



NR Tartrate

CAS: 2415657-86-0

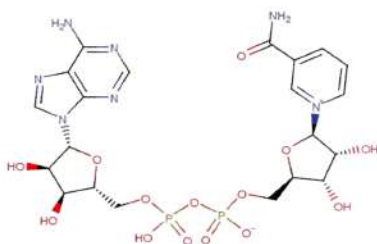
Formula: $C_{15}H_{20}N_2O_{11}$



NAD+

CAS: 53-84-9

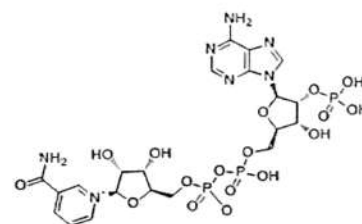
Formula: $C_{21}H_{27}N_7O_{14}P_2$



NADP+

CAS: 53-59-8

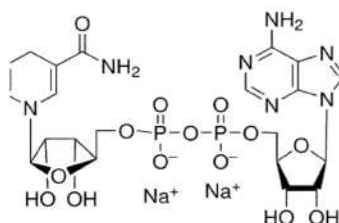
Formula: $C_{21}H_{28}N_7O_{17}P_3$



NADH

CAS: 606-68-8

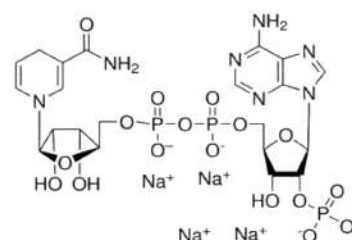
Formula: $C_{21}H_{27}N_7O_{14}P_2$



NADPH

CAS: 2646-71-1

Formula: $C_{21}H_{29}N_7O_{17}P_3$



Nicotinamide Series

Our NAD Coenzyme Series includes Nicotinamide Mononucleotide (NMN), Nicotinamide Riboside Chloride (NR-Cl), **Nicotinamide Riboside Tartrate**, **Nicotinamide Riboside Malate**, Nicotinamide Adenine Dinucleotide (NAD⁺), Nicotinamide Adenine Dinucleotide Phosphate (NADP⁺), Reduced Nicotinamide Adenine Dinucleotide (NADH), and Reduced Nicotinamide Adenine Dinucleotide Phosphate (NADPH), covering coenzyme precursors as well as oxidized and reduced coenzymes.

Manufactured under stringent quality control, these products offer high purity, excellent stability, and consistent batch quality. They are widely used in life science research, cell culture, biopharmaceutical development, diagnostic reagents, enzymatic reactions, metabolic studies, and other research and industrial applications.

Applications

Life Science Research

Studies of cellular metabolism, energy metabolism, redox biology, and aging mechanisms.

Cell & Molecular Biology

Cell culture, enzyme activity assays, signaling pathway studies, and molecular biology research.

Biopharmaceutical R&D

Research raw materials for drug discovery, process development, and biotechnology applications.

Diagnostics & Analytical Research

In vitro diagnostics (IVD), biochemical assay kits, enzymatic reaction systems, and analytical testing.

Industrial Biotechnology

Enzyme catalysis, biomanufacturing, fermentation optimization, and metabolic engineering.

Packing Specification

1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage & Transportation

Store tightly sealed at 2–8°C in a dry, light-protected environment. Protect from heat and moisture during transportation.

BIOCHEMICALINTERMEDIATES

High-quality bioactive ingredients for neurological health, antioxidant support, cellular protection, and nutritional applications. Widely used in pharmaceuticals, dietary supplements, functional foods, cosmetics, and scientific research.



Strict Quality Control



Reliable Supply



Competitive Price



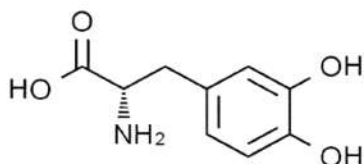
Customized Service

Neuro & Cognitive Health Ingredients

Levodopa

CAS: 59-92-7

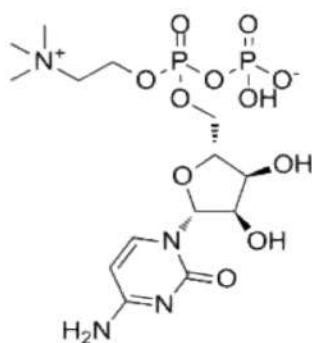
Formula: $C_9H_{11}NO_4$



Citicoline

CAS: 987-78-0

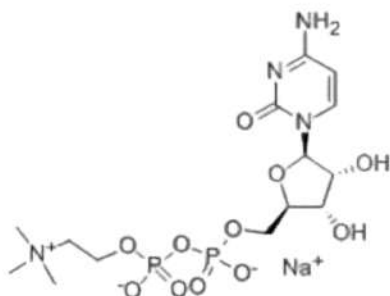
Formula: $C_{14}H_{26}N_4O_{11}P_2$



Citicoline Sodium

CAS: 33818-15-4

Formula: $C_{14}H_{25}N_4NaO_{11}P_2$



Neuro & Cognitive Health Ingredients

Includes L-Dopa, Citicoline, and Citicoline Sodium, which are widely studied for their roles in neurotransmitter metabolism, cognitive function support, and neurological health applications.

Storage & Transportation:

Store sealed in a cool, dry, and light-protected place. Avoid heat and moisture. Keep packages intact during transport.

Packing Specification

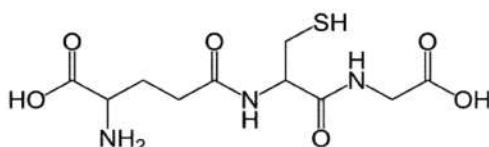
1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Antioxidant & Cellular Protection Ingredients

Glutathione

CAS: 70-18-8

Formula: C₁₀H₁₇N₃O₆S



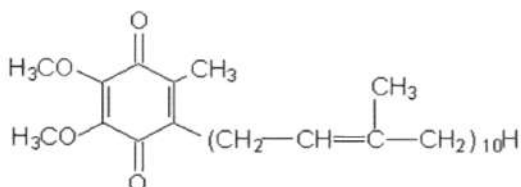
Antioxidant & Cellular Protection Ingredients

Glutathione (GSH) and Coenzyme Q10 (CoQ10) are widely used bioactive ingredients in the pharmaceutical, dietary supplement, functional food, and cosmetic industries. Glutathione is recognized for its strong antioxidant properties and is commonly used in cell protection and formulation development. Coenzyme Q10 plays a vital role in cellular energy metabolism and is extensively applied in nutritional and wellness products. Manufactured under strict quality control, our products offer high purity, consistent quality, and flexible supply options, supporting various specifications and OEM/ODM customization to meet diverse global market

Coenzyme Q10

CAS: 303-98-0

Formula: C₅₉H₉₀O₄



Packing Specification

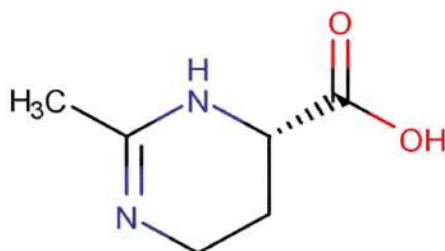
1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage & Transportation:

Store sealed in a cool, dry place at 2–8°C, protected from light. Transport under dry conditions, avoiding heat, moisture, and direct sunlight.

Bioactive Protective Molecules

Ectoine
CAS: 96702-03-3
Formula: C₆H₁₀N₂O₂



Bioactive Protective Molecules

Ectoin is a natural extremolyte produced through microbial fermentation and is widely used in cosmetics, personal care, medical devices, and pharmaceutical applications. It provides excellent moisturizing performance by forming a stable hydration barrier that helps reduce transepidermal water loss (TEWL), strengthen the skin barrier, and protect cells from environmental stress. With outstanding stability, biocompatibility, and formulation compatibility, Ectoin is an ideal ingredient for moisturizers, anti-aging products, sunscreens, sensitive skin care, eye care, oral care, and medical skin protection products. Its multifunctional benefits make it a highly valued active ingredient for premium skincare and healthcare formulations.

Packing Specification

1kg/Bag、 5kg/Drug、 10kg/Drum、 25kg/Drum

Storage & Transportation:

Store in a tightly sealed container in a cool, dry place away from light. During transportation, protect from moisture, heat, direct sunlight, contamination, and physical damage.

QUALITY ASSURANCE

QUALITY CONTROL

Adentification of Ingredients
Assisted Substances

- | | |
|-------------------------|------------------------------|
| ✓ Residue Limits | ✓ Microbial Limits |
| ✓ Dissolution Testing | ✓ Uniformity of Dosage Units |
| ✓ Biological Evaluation | ✓ Particle Size |

DOCUMENTS AVAILABLE



COA



MSDS



TDS



HPLC



ISO9001

PACKAGING OPTIONS



1g



1kg Aluminum
Foil Bag



5kg Aluminum
Foil Bag



25kg Fiber Drum



Customized

MANUFACTURING STRENGTH



Advanced Production Technology

Efficient production processes and systematic management



GMP Standard Workshop

Clean, safe, compliant production environment



Strict Quality Control

Professional QA team and advanced testing equipment



Global Logistics

Efficient and secure worldwide delivery

COOPERATION PROCESS

- 1 Inquiry
- 2 Technical Confirmation
- 3 Quotation
- 4 Sample Evaluation
- 5 Purchase Order
- 6 Production
- 7 Quality Inspection
- 8 Global Shipment
- 9 After-sales Support

CONTACT US

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