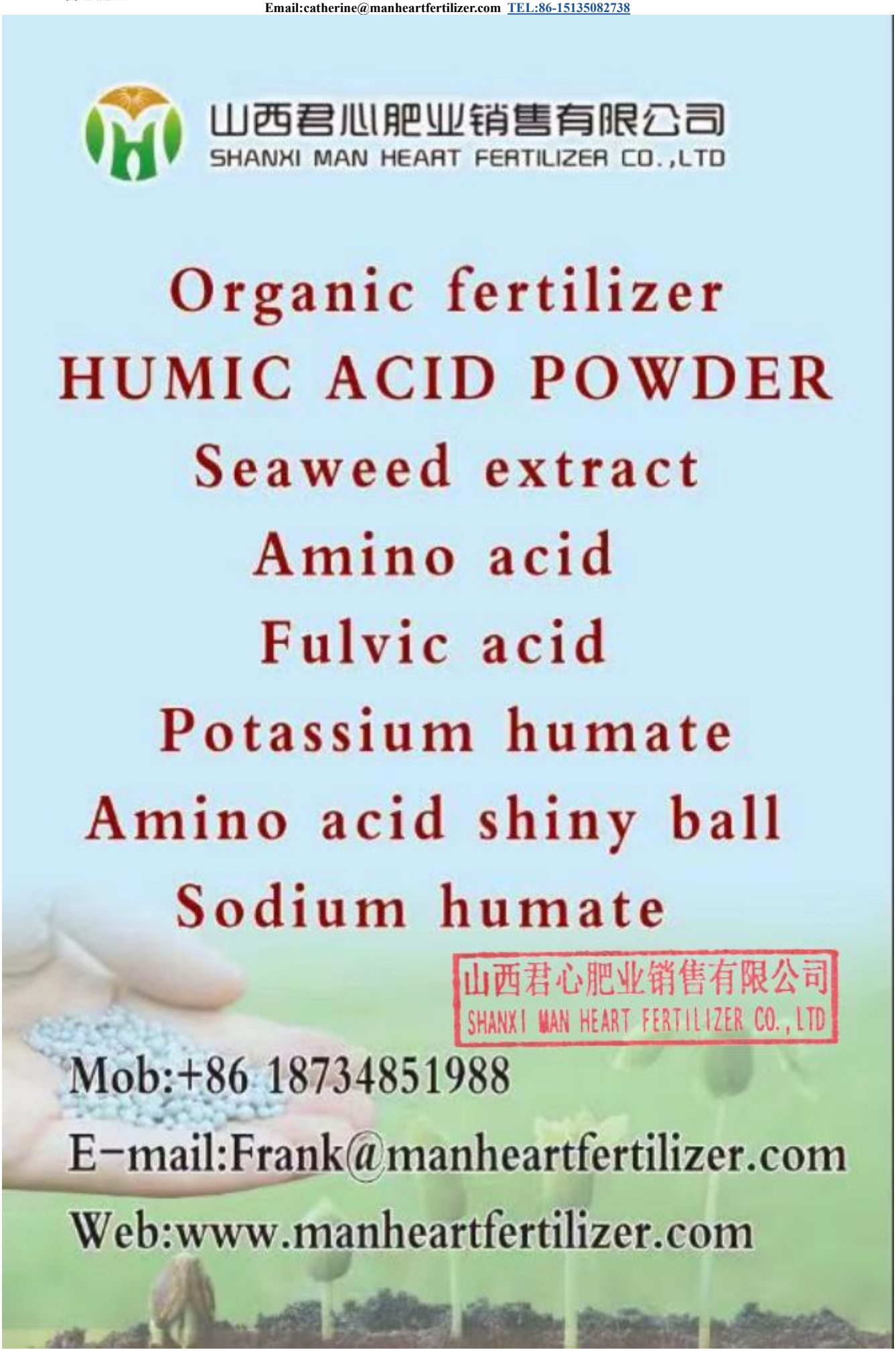
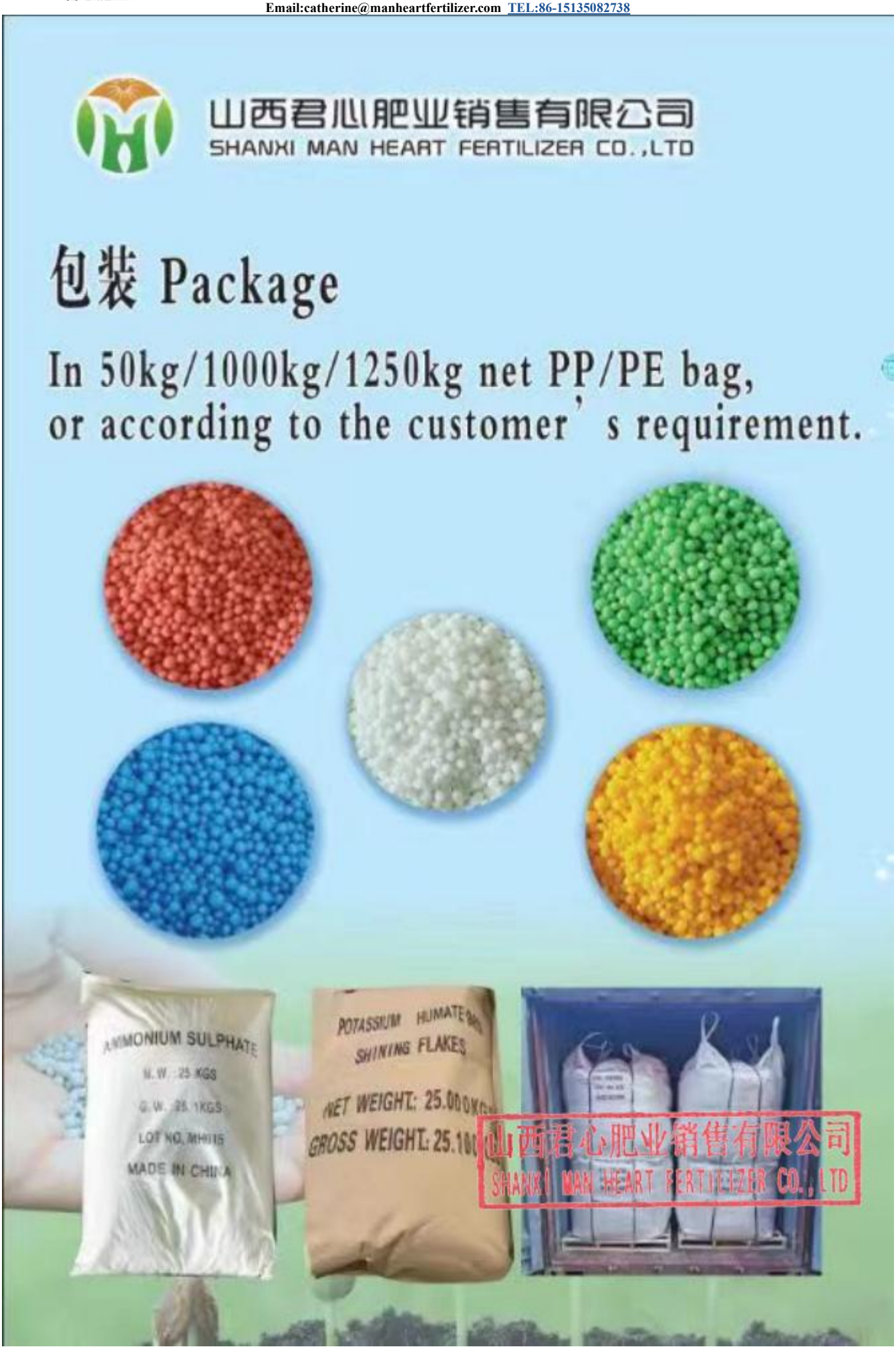
SHANXI MAN HEART FERTILIZER CO.,LTD
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君心肥业 Web:www.manheartfertilizer.com https://www.manheartfert.com/ http://www.manheartfertilizer.com/
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山西君心肥业销售有限公司
SHANXI MAN HEART FERTILIZER CO.,LTD

Caprolactam grade Ammonium Sulphate

己内酰胺级硫酸铵



山西君心肥业销售有限公司
SHANXI MAN HEART FERTILIZER CO.,LTD

Specifications

Index Item	Standard Value
Appearance	White **Crystal** without impurity visible to the naked eyes
Size	0.5-2mm
Nitrogen Content	≥21%
Sulphur Content	≥24%
Moisture	≤0.5%

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SEAWEED EXTRACT POWDER 18%
(FOR INDUSTRIAL USE)



	Standard Value	Test Result
Name	Seaweed Extract Powder	Seaweed Extract Powderr
Appearance	Black Powder	Black Powder
Odour	Seaweed	Seaweed
Alginic acid	18%min	18.2%
Organic matter	45% min	46.8%
P2O5	1% min	2%
N	1% min	2%
K2O	17%min	18%
Microelement	0.3%	4.7%
Water solubility	100%	100%
pH	9.0-11.0	10.0
Amino acid	1%min	1.5%
Plant hormones	200ppm	210ppm
Moisture	6.5% max	3.5%

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CATALOGUE

Page 2----------Brief Introduction
Page 3----------Ammonium Sulfate Crystal
Page 4----------Ammonium Sulfate Powder
Page 5----------Ammonium Sulfate Granular
Page 6----------Urea
Page 7----------Calcium Ammonium Nitrate
Page 8----------Calcium Nitrate
Page 9----------Potassium Nitrate
Page 10---------Potassium Carbonate
Page 11---------Potassium Sulphate
Page 12---------Mono-Potassium Phosphate
Page 13---------Di-Ammonium Phosphate
Page 14---------Mono-Ammonium Phosphate
Page 15---------Magnesium Nitrate
Page 16---------Magnesium Sulphate Monohydrate
Page 17---------Magenesium Sulphate Heptahydrate
Page 18--------- Sodium Nitrite
Page 19--------- Sodium Nitrate
Page 20--------- Ammonium Chloride
Page 21---------Humic Acid
Page 22---------Fulvic Acid Powder
Page 23---------Seaweed Extract Powder
Page 24---------Manganese Sulphate Monohydrate
Page 25---------Ferrous Sulphate Monohydrate

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Contact Person:	Catherine Zhai
E-mail:	catherine@manheartfertilizer.com
Wechat/Whatsapp:	86- 151-3508-2738

Our core product line includes:

- Ammonium Sulfate (SOA): Powder/Granular/Crystal (our flagship product, with stable supply and ISO-certified quality)
- Key fertilizers: DAP, MAP, MKP, Urea
- Micronutrients & Organic Fertilizers: Zinc Sulfate, Potassium Humate, Humic Acid, Amino Acid, etc.

Why partner with us?

- Strict Quality Control: All products pass SGS/BV testing, complying with international standards (GB/T, ASTM, ISO)
- Competitive Pricing: Factory-direct supply with no middlemen, supporting your profit margins
- Flexible Supply Capacity: Monthly output 5,000+ tons, customizable packaging (25kg/bag, 50kg/bag, bulk)
- Professional Export Service: One-stop support for documentation (MSDS, CO, BL, CIQ), logistics, and after-sales

We've successfully supplied to clients in Southeast Asia, Africa, Europe, and South America, and would be honored to add your company to our trusted partner list.

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Ammonium Sulfate Crystal

MF: (NH4)2SO4

MW: 132.13

Property:

It is colorless crystal or white crystalline powder,no smell.It is easily soluble in water,but insoluble in alcohol and acetone. Easy absorption of moisture agglomerate, with strong corrosive and permeability. Has hygroscopic, moisture absorption into pieces after consolidation.It can completely broken down into ammonia and sulphuric acid when heated to 513 ℃ above. And it release ammonia when it react with alkali. Low poison, stimulating.

Application:

It is used in metallurgy, medicine, leather, wood preservative, textile, plating, ferment, fertilizer.

Standard (GB535-1995)

Index	Fine Grade
Appearance	white crystal without any impurity visible to the naked eye
Nitrogen(N) content	≥21%
S（Sulphur）	≥24%
Moisture	≤0.5%
Free Aicd (asH2SO4)	≤0.20%

Packing:

In 50kg net PP/PE bag

Storage note:

Store in a cool, well-ventilated area.Away from the fire, heat source. Avoid combining ammonium sulfate with acid substance and alkali when stored.Storage areas shall be with the right material for leakage content. It easily decompose poisonous smoke when heated.



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Ammonium Sulfate Powder

MF: (NH4)2SO4

MW: 132.13

Property:

It is colorless crystal or white crystalline powder,no smell.It is easily soluble in water,but insoluble in alcohol and acetone. Easy absorption of moisture agglomerate, with strong corrosive and permeability. Has hygroscopic, moisture absorption into pieces after consolidation.It can completely broken down into ammonia and sulphuric acid when heated to 513 ℃ above. And it release ammonia when it react with alkali. Low poison, stimulating.

Application:

It is used in metallurgy, medicine, leather, wood preservative, textile, plating, ferment, fertilizer.

TYPICAL PROPERTIES:		
Ammoniacal Nitrogen	% wt	20.5min
Cadmium, Cd	Ppm	10 max
Lead, Pb	Ppm	3 max
Mercury, Hg	Ppm	0.2 max
Arsenic, As	Ppm	1 max
Chromium, Cr	Ppm	1 max
Water Insoluble	%	0.01 max



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Ammonium Sulfate Granular

MF: (NH4)2SO4

MW: 132.13

Property:

It is white granular 2-5mm, no smell. It is easily soluble in water,but insoluble in alcohol and acetone. Easy absorption of moisture agglomerate, with strong corrosive and permeability. Has hygroscopic, moisture absorption into pieces after consolidation.It can completely broken down into ammonia and sulphuric acid when heated to 513 ℃ above. And it release ammonia when it react with alkali. Low poison, stimulating.

Application:

It is used in metallurgy, medicine, leather, wood preservative, textile, plating, ferment, fertilizer.

Item	Technical Data	Text result
Appearance	White granular	White granular
N(Nitrogen）	20.5%min	20.8
Water	1.0%max	0.3
Free acid	0.02%max	0.015
S（Sulphur）	23.5%min	23.8
hardness	40N min	45N
Note: The heavy metal content of our Ammonium sulfate is negligible and therefore the product does not present a risk to agricultural use.		

Packing:

In 50kg net PP/PE bag

Storage note:

Store in a cool, well-ventilated area.Away from the fire, heat source. Avoid combining ammonium sulfate with acid substance and alkali when stored.Storage areas shall be with the right material for leakage content. It easily decompose poisonous smoke when heated.



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Urea

Formula	$CO(NH_2)_2$
Molecular weight	60.06
CAS	57-13-6
Properties	White,hygroscopic crystals granule.
Uses	Mostly used as nitrogen fertilizer in agriculture, also used as raw material in production ofplastics,resins,coatings,and medicine.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Protecting from moisture absorption and direct sunshine,do not delivered and stored together with acidity substance.

Specification

Inspection Items	Unit	Industrial Grade			Agriculture Grade		
		Hingest-class	Higher-class	Standard	Hingest-class	Higher-class	Standard
Total N	%≥	46.3	46.3	46.3	46.3	46.3	46.0
Moisture	%≤	0.3	0.5	0.7	0.5	0.5	1.0
Biuret	%≤	0.5	0.9	1.0	0.9	1.0	1.5



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Calcium Ammonium Nitrate

Formula	$5Ca(NO_3)_2 \cdot NH_4NO_3 \cdot 10H_2O$
Molecular weight	1080.71
CAS	10124-37-5
Properties	White prill and easily soluble in water.
Uses	A new nitrogenous and calcareous fertilizer with characteristics ofhigh efficiency and quickly make-up Nitrogen, applied in greenhouse and large-area farmland. It improves the soil and granulates the soil making it anti-caking. When employed in industrial crops, flowers, fruits and vegetables, it extends florescence, spurs the root, the stem and the leaf to grow normally, guarantees fruits in bright colors and increases carbohydrate contents in fruits. It is a high-efficiency environmental protection greening fertilizer.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	In dry and cool warehouse with sealed packages and away from moisture. Protect the material from rain and insolation during transportation.

Specification Inspection Items	Unit	Standard
Total Nitrogen	%≥	15.5
Nitrogen (In Nitrate)	%≥	14.0-14.4
Nitrogen (In Ammonium)	%≥	1.1-1.5
Calcium Nitrate	%≥	76
Ammonium Nitrate	%	6-10
Calcium	%≥	18.5
Calcium Oxide	%≥	25.5
Water-Insoluble	%≤	0.2
Fe	%≤	0.005
Chloride	%≤	0.02
pH value		5.6-6.8
Crystal Water	%	12-16
Phosphate	%≤	0.05
Granularity	MM	2-4,4-7

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Calcium Nitrate

Formula	$Ca(NO_3)_2 \cdot 4H_2O$
Molecular weight	236.15
CAS	10124-37-5
Properties	Colorless and transparent monoclinic crystals. It easily dissolve in water , methyl alcohol and alcohol. It is highly deliquescent in the atmosphere. As oxidizer, it will burn and explode with red flame when meeting organics and sulphur.
Uses	Mainly used as a flocculant for rubber, latex and refrigerants. As well as for oil exploration, well and sewage treatment, In agriculture it is used as water culture and fast-effective fertilizer for acid soil. It also can be used to make fireworks and incandescent lamp chimney in light industry, to produce explosives in national defense industry and to paint negative pole in electron instrument industry. It is also a raw material in making other nitrates.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	In a cool and dry warehouse. The package must kept sealed and protected from moisture. Avoid mixing with organic compound or sulphur during storage and transportation. Prevent the material from rain and insolation. Handle carefully.

Specification Inspection Items	Unit	Industrial Grade	Agricultural Grade
Purity	%≥	99.0	99.0
$Ca(NO_3)_2$	%	—	68-71
Ca	%≥		16.6
Nitrogen(As Nitrate)	%≥	—	11.6
Water-Insolubles	%≤	0.01	0.01
Heavy Metals(As Pb)	%≤	0.001	0.001
Chloride(As Cl^-)	%≤	0.005	0.005
pH value	—	4.0-7.0	4.0-7.0

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Potassium Nitrate

Formula	KNO_3
Molecular weight	101.10
CAS	7757-79- 1
Properties	Colorless and transparent rhombic crystals or white powder.
Uses	Mainly applied in TV kinescope glass, glass refining agent and car headlights. Compound fertilizer and foliar spray fertilizer for crop and flower; fireworks to produce purple colors and black powder in mine, ignition wire and firecracker; drugs as penicillin potassium salt in medicine industry and catalyst; ceramic and enamel; salt bath ofheat treatment, cigarette paper, concentrating agent; conservatives in salted meat and chromogen in food industry.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	In a cool, ventilated and dry warehouse, away from moisture, heat or kindling. Avoid mixing with organic compound or sulfur or reducer during storage and transportation in case of explosion. Protect from the sun and rain during transportation. Carefully load and unload in case of accident.

Specification Inspection Items	Unit	Industrial Grade	First Grade	Agricultural Grade
Purity	%≥	99.8	99.4	97.5
Moisture	%≤	0.10	0.10	—
Chloride (As Cl^-)	%≤	0.01-0.03	0.02	0.80
Sulphate (As SO_4^{2-})	%≤	0.01	0.01	—
Water-Insolubles	%≤	0.01	0.02	—
Fe	%≤	0.003		
Hygroscopicity	%≤	0.25	0.30	—
K_2O	%≥	—	—	46
Nitrogen (In Nitrate)	%≥			13.5
Particle Size	MM	0.2-2.5 / 2-5		

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Potassium Carbonate

Formula	K_2CO_3
Molecular weight	138.19
CAS	584-08-7
Properties	Monoclinic crystals, white powder, granular crystals or prills. Melting point: 891°C. Easily soluble in water forming a slightly alkaline solution. Insoluble in alcohol and ether. It is strongly hygroscopic and it easily cakes and turns into Potassium bicarbonate through absorbing carbon dioxide when exposed to the air for a long time.
Uses	Used as raw materials in manufacturing electro tube, TV kinescopes and computer displays. Applied in optical glass improving clarity, strength and refractive index, also applied in electrode avoiding electric arc breaking-off during welding, also used in agriculture.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Store in dry and ventilated warehouse away from moisture. Don't store goods outside or expose to the air.

Specification					
Purity	%≥	99.0	99.0	98.5	96.0
Chloride (As KCl)	%≤	0.01	0.03	0.10	0.20
Sulphate (As K_2SO_4)	%≤	0.01	0.04	0.10	0.15
Iron	%≤	0.001	0.001	0.003	0.010
Water-Insolubles	%≤	0.02	0.04	0.05	0.10
Ash Content	%≤	0.6	0.8	1.00	1.00

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Potassium Sulphate

Formula	K_2SO_4
Molecular weight	174.25
CAS	7778-80-5
Properties	White crystalline powder, insoluble in alcohol, acetone and carbon dioxide.
Uses	Agriculture mainly used in fertilizer. Mainly used as smoke suppressor for bomb in military industry. It is a chemical fertilizer applied in agriculture and a constituent of potassium salt,also used as a intermediate in dyeing, a clarifying agent in glass industry, a release inhibitor in medicine, an accessory ingredient in aromatics industry and all-purpose additives in food industry, also used in biochemical inspection of serum protein.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Store in ventilated and dry warehouse, sealed package keep away from moisture. Prevent the material from rain.

Specification: Industrial Grade

Inspection Items	Unit	Electrical Grade	First Grade
Purity	%≥	99.0	98.5
Chloride	%≤	0.002	0.05
Iron	%≤	0.001	0.02
Heavy Metals	%≤	0.002	0.002
Water-Insolubles	%≤	0.5	0.5

Specification: Agriculture Grade

Unit	Crystal Powder			Granular	
	High-Class	First-Class	Qualified	High-Class	First-Class
%≥	50.0	50.0	45.0	50.0	50.0
%≤	1.0	1.5	2.0	1.0	1.5
%≤	0.5	1.5	3.0	0.5	1.5
%≤	1.0	1.5	2.0	1.0	1.5
Particle Size (Diameter1 mm~4 .75mm or 3.35mm~5.60mm)	%≥	—	—	—	90

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Mono-Potassium Phosphate(MKP)

Formula	KH_2PO_4
Molecular weight	136.09
CAS	7778-77-0
Properties	White or colorless crystals, easily soluble in water, relative density at 2.338 g/cm³, melting point at 252℃, and pH value of 1% solution is 4.5.
Uses	Used to manufacture metaphosphate in medical or food industry. Used as a high effective K and P compound fertilizer. It contains totally 86% fertilizer elements, used as a basic raw material for N, P and K compound fertilizer.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Cool, dry and well ventilated warehouse.

Specification Inspection Items	Unit	Industrial Grade	Food Grade
Purity	%≥	99.0	99.0
Phosphorus Pentoxide	%≥	51.50	51.50
Potassium Oxide(K_2O)	%≥	34.0	34.0
pH value of 1% Solution	—	4.3-4.7	4.3-4.7
Moisture	%≤	0.20	0.20
Heavy Metals(As Pb)	%≤	—	0.001
Arsenic(As As)	%≤	—	0.0003
Fluoride(As F)	%≤	—	0.005
Water- Insolubles	%≤	0.20	0.10

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Di-Ammonium Phosphate(DAP)

Formula	$(NH_4)_2HPO_4$
Molecular weight	132.00
CAS	7783-28-0
Properties	White granular crystals, relative density at 1.619g/cm³, melting point at 155°C easily soluble in water, insoluble in alcohol, pH value of 1% solution is 8.0.
Uses	As a fire-prevention agent for fabric, timber and paper. For food grade it is mainly used as a fermentation agent, nourishment, and so on. Used as a high effective non-chloride N, P compound fertilizer in agriculture. It contains totally 74% fertilizer elements, used as a basic raw material for N, P and K compound fertilizer.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Store at a cool, dry and well ventilated warehouse.

Specification

Inspection Items	Unit	Industrial Grade	Food Grade
Purity	%≥	98.0	98.0
Phosphorus Pentoxide	%≥	53.0	53.0
Nitrogen(As N)	%≥	20.8	20.8
pH value of 1% Solution	—	7.8-8.2	7.8-8.2
Moisture	%≤	0.2	0.2
Heavy Metals(As Pb)	%≤	—	0.001
Arsenic(As As)	%≤	—	0.0003
Fluoride(As F)	%≤	—	0.005
Water - Insolubles	%≤	0.10	0.10

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Mono-Ammonium Phosphate(MAP)

Formula	$NH_4H_2PO_4$
Molecular weight	115.00
CAS	7722-76- 1
Properties	White granular crystals; relative density at 1.803g/cm³, melting point at 190℃, easily soluble in water, slightly soluble in alcohol, insoluble in ketones, pH value of 1% solution is 4.5.
Uses	As a fire-prevention agent for fabric, timber and paper, as well as a fire-prevention coating, and dry powder for fire extinguisher. For food grade it is mainly used as a fermentation agent, nourishment, and so on. Used as a high effective non-chloride N, P compound fertilizer in agriculture. Its total nourishment ($N+P_2O_5$) is at 73%, and may be used as a basic raw material for N, P and K compound fertilizer.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Dry and well ventilated warehouse.

Specification Inspection Items	Unit	Industrial Grade	Food Grade
Purity	%≥	98.0	98.0
Phosphorus Pentoxide	%≥	61.0	61.0
Nitrogen(As N)	%≥	11.8	11.8
pH value of 1% Solution	—	4.4-4.8	4.4-4.8
Moisture	%≤	0.2	0.2
Heavy Metals(As Pb)	%≤	—	0.001
Arsenic(As As)	%≤	—	0.0003
Fluoride (As F)	%≤	—	0.002
Water-Insolubles	%≤	0.10	0.10

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Magnesium Nitrate

Formula	$Mg(NO_3)_2 \cdot 6H_2O$
Molecular weight	256.41
CAS	0377-60-3
Properties	Monoclinic crystals. It is easily soluble in water, liquid ammonia and alcohol, liquefies in the air, burn and explodes when mixed with organics.
Uses	Used as dehydration ofmaking Nitrate, cineration and chemical experimentation .
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	In a cool and dry warehouse. The package must be kept sealed and protected from moisture.

Specification

Inspection Items	Unit	Standard
Purity	%≥	98.0
Water-Insolubles	%≤	0.05
Iron	%≤	0.001
Heavy Metals	%≤	0.002
pH value	—	4.0

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MAGNESIUM SULPHATE MONOHYDRATE

Formula	$MgSO_4 \cdot H_2O$
Molecular weight	138.38
CAS	22189-08-8
Properties	Grayish white granular or powder; easily absorbing moisture from air to become deliquescent.
Uses	In Agriculture: Mainly used in mixed fertilizer or directly used as fertilizer for rubber, palm trees; Other Industries: Used in tanning, porcelain, and pigments.
Packing	In 25/50/500/1000kg PP/PE bag or on customer request.

Specification

Inspection Items	Unit	Grades					
		Natural				Synthetic	
		Fertilizer	Feed			Powder	Granular
Purity	%≥	91.0		__		21.0	21.0
MgO	%≥	26.5	26.5	__		26.5	25.0
Mg	%≥			16.5	15.9	26.5	25.0
S	%≥	21.0	21.0	21.5	20.8	21.0	16.0
Moisture	%≤	3.0	3.0	5.5	3.0	4.0	5.0
Cl	%≤	1.5	__	0.30	0.30	__	__
As	%≤	__	__	0.0002	0.0002	__	__
Heavy Metals (As Pb)	%≤	__	__	0.001	0.001	__	__
Cr	—	—	—	0.001	0.001	—	1.5-4mm≥ 85%

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Magnesium Sulphate Heptahydrate

Formula	$MgSO_4 \cdot 7H_2O$
Molecular weight	246.48
CAS	22189-08-8
Properties	Colorless or white granular; easily becoming efflorescent in the dry air.
Uses	In agriculture: mainly used in mixed fertilizer or directly used as fertilizer for rubber, palm trees ; Used in tanning, porcelain, pigment, match, fireproof materials, Mg-salt, dyeing, medicine and food additives; Extensively used in food, pharmaceutical and animal remedy industries.
Packing	In 25/50/500/1000kg PP/PE bag or on customer request.

Specification

Inspection Items	Unit	Natural Grade	Synthetic Grade
Purity	%≥	99.0	99.0
MgO	%≤	16.0	—
Fe	%≤	—	0.005
S	%≥	12.9	—
Cl	%≤	0.5	0.30
Water-Insolubles	%≤	—	0.10

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SODIUM NITRITE

Formula	$NaNO_2$
Molecular weight	69.00
CAS	7632-00-0
Properties	Write or light yellow rhombic of monoclinic crystals.
Uses	Used as mordant agent, bleaching, corrosion inhibitor, antitoxic and analytocal agent .
Packing	In 25/50/500/1000kg PP/PE bag or on customer request.
Storage	In a cool, ventilated warehouse. Keep away from fire and heat sources. Threshold temperature shall not exceed 30℃, relative humidity not more than 80%.

Specification

Inspection Items	Unit	Superfine Grade	Food Grade	First Grade	Second Grade
Purity	%≥	99.0	98.5	99.0	98.0
Sodium Nitrate	%≤	0.80	1.00	1.90	—
Chlorides	%≤	0.10	0.17	—	0.10
Water-Insolubles	%≤	0.05	0.06	0.10	0.05
Moisture	%≤	1.4	2.0	2.5	1.8

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SODIUM NITRATE

Formula	$NaNO_3$
Molecular weight	85.01
CAS	7631-99-4
Properties	Colorless crystals or white powder, liquefies easily in the air and soluble in water and liquid ammonia. It will burn and explode when mixed with organics.
Uses	Mainly used making Potassium nitrate, glass industry, medicine and fertilizers.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.

Specification

Inspection Items	Unit	Fine Grade	First Grade	Regular Grade
Purity	%≥	99.7	99.3	98.5
Chloride	%≤	0.25	0.30	—
Nitrites	%≤	0.01	0.02	0.15
Carbonates	%≤	0.05	0.10	—
Moisture	%≤	1.0	1.8	2.0
Water-Insolubles	%≤	0.03	0.06	
Iron	%≤	0.005	0.005	—

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AMMONIUM CHLORIDE

Formula	NH_4Cl
Molecular weight	53.49
CAS	12125-02-9
Properties	Colorless cubic crystals or white crystalline substance with a salted and light bitter taste. The specific gravity is 1.527. It begins to vaporize without melting at 350°C and boil at 520°C, highly soluble in water, readily forming a slightly acidic solution which acidity will be stronger. Also soluble in liquid ammonia and slightly soluble in alcohol but not soluble in acetone and ether. Volatilizes when heated at 100°C and dissociates into ammonia and HCl, which combines into NH_4Cl again when cooling in the form of white foggy substance containing extremely small granules of NH_4Cl. Can not precipitated and become extremely insoluble in water. It weakly hygroscopic but can cake due to water absorption or during rainy days. It corrodes black metals and other non-ferrous metals, especially copper, but it does not corrode pig iron.
Uses	Principal use is in mining, tanneries and fertilizers. Extensively used as a chemical for dyeing, electro-baths and soldering fluxes. Also used in galvanizing, tinning, medicine, candle making, adhesive, chromate processes precision casting and producing of dry and storage batteries and other ammonium salts.
Packing	In 25/50/500/ 1000kg PP/PE bag or on customer request.
Storage	Store in a cool, dry, ventilated warehouse away from moisture. Avoid handling or transporting together with acidic or alkaline substances.

Specification: Industrial G.

Inspection Items	Unit	First Grade	Regular Grade
Purity	%≥	99.5	99.0
Moisture	%≤	0.7	1.00
Iron	%≤	0.001	0.003
Ash Content	%≤	0.40	0.40
Heavy Metals(As Pb)	%≤	0.0005	0.001
Sulfate	%≤	0.02	—
pH value(200g/l Solution at 25°C)	—	4.0-5.8	4.0-5.8

Specification: Agricultural G. With K_2O

Inspection Items	Unit	Dry Grade	Wet Grade	Granular
Nitrogen	%≥	22.5	22.5	22.5
Moisture	%≤	1.00	6.00	4.0
K_2O	%≤	3.00	3.00	3.0
Particle Size	MM	—	—	2×4×6

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HUMIC ACID(POWDER)

	Standard Value	Test Result
Name	Humic acid(powder)	Humic acid(powder)
Appearance	Black Powder	Black Powder
Odour	None	None
Humic Acid	40-50%	51%
Moisture	25-27%	24%
OM	75%	76%

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FULVIC ACID POWDER 60%
(FOR INDUSTRIAL USE)

	Standard Value	Test Result
Name	Fulvic Acid Powder	Fulvic Acid Powder
Appearance	Yellow Powder	Yellow Powder
Water solubility	100%	100%
Fulvic acid(dry basis)	60%min	60.58%
Amino acid(dry basis)	10%min	11.01%
K2O(dry basis)	12%min	12.76%
Moistuer	15%max	14.7%
pH	4.0-6.0	5.6
Mesh	80-120	80-120

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SEAWEED EXTRACT POWDER 18%
(FOR INDUSTRIAL USE)

	Standard Value	Test Result
Name	Seaweed Extract Powder	Seaweed Extract Powderr
Appearance	Black Powder	Black Powder
Odour	Seaweed	Seaweed
Alginic acid	18%min	18.2%
Organic matter	45% min	46.8%
P2O5	1% min	2%
N	1% min	2%
K2O	17%min	18%
Microelement	0.3%	4.7%
Water solubility	100%	100%
pH	9.0-11.0	10.0
Amino acid	1%min	1.5%
Plant hormones	200ppm	210ppm
Moisture	6.5% max	3.5%

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Manganese Sulphate Monohydrate

Product Name 产品名称	Manganese Sulphate Monohydrate一水硫酸锰	Packing 包装规格	1250kg/woven bag 1250公斤/编织袋
Formula 分子式	MnSO4·H2O	H.S. Code 海关编码	28332990
Specification 执行标准	HG/T2962-2010	CAS NO.	10034-96-5
Item 项目	Test standard 测试标准	Test result 实测结果	
Appearance 外观	White to shallow yellow powder 白色或浅黄色粉末	Complies 符合	
一水硫酸锰 Manganese Sulphate	98% min	98.3%	
锰 Mn	31.8%min	32.5%	
砷As	0.0005% max	0.0004%	
铅 Pb	0.001% max	0.0005%	
镉 Cd	0.001% max	0.0006%	
铁 Fe	0.007% max	0.002%	
氯CL	0.00015% max	0.0001%	
PH	5-7	6.3	
水不溶物water insoluble	0.08%max	0.035%	
大 小 size （pass250um）	95%min	99%	
Storage 存储	Store in a cool, Dry place. Store in a tightly closed container. 请于阴凉干燥处保存，请勿损坏包装		
42% water solution is pink and pH value is 6.0			
Conclusion:comply to HG/T2962-2010 经化验， 符合HG/T2962-2010标准质量要求			

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Ferrous Sulphate Monohydrate

Product Name 产品名称	Ferrous Sulphate Monohydrate 一水硫酸亚铁	Packing 包装规格	1350kg/woven bag 1350千克编织袋
Formula 分子式	FeSO4·H20	H.S.Code 海关编码	2833291000
Specification 执行标准	HG2935-2006	CAS NO.	17375-41-6
Item 项 目	Test standard 测试标准	Test result 实测结果	
Appearance 外观	Grey Powder 灰色粉末	Complies 符合	
一水硫酸亚铁 FeSO4.H2O	91.4%min	92.1%	
Fe	29.5%min	30.01%	
As	0.0002%max	0.00015%	
Pb	0.002%max	0.0013%	
Cd	0.001%max	0.0007%	
细度fineness(pass 80 mesh)	95%min	99.8%	
Storage 存储	Store in a cool,Dry place.Store in a tightly closed container. 请于阴凉干燥处保存，请勿损坏包装		
Conclusion: Comply to HG2935-2006 经化验，符合HG2935-2006标准质量要求			