



► 企业简介 Introduction

苏州亚科科技股份有限公司成立于2003年,经多年的创新和发展,现已形成以“体外诊断试剂原料”、“电化新材料”、“生物缓冲剂”、“医药中间体”等为主导的,集研发、生产、销售和服务于一体的国家高新技术企业。亚科科技坚持自主品牌运营,旗下拥有著名品牌YACOO。并拥有独立的研发试验中心和占地100000 m²的生产基地,并已通过ISO9001:2015质量体系认证,可为客户提供优质的克级至吨级的产品委托定制业务和批量化生产服务。

亚科科技总部运营中心座落在苏州,工厂位于山东济宁新材料产业园区。通过多年的努力,已建成完善的营销体系,并以此辐射海外市场,远销至东南亚、欧美等多个国家和地区,得到全球客户的认可和信赖。

Suzhou Yacoo Science Co., LTD was founded in 2003. Via the innovation and development of more than 10 years, it has been a national high-tech enterprise specializing in "IVD Reagents Raw Materials", "New Electronic and Chemical Materials", "Biobuffers" and "Pharmaceutical Intermediates". Yacoo is a company with research, production, distribution and service as a whole, and owns its famous brand Yacoo. We have an independent research and development center and 10,0000 m² manufacture base, which have passed ISO9001:2015 quality system certification. Custom synthesis service and production in bulk can be offered.

Besides the R&D center and the marketing team in Suzhou, Yacoo also has a factory in Shandong Jining New Material Industrial Park. At present, Yacoo has formed an excellent marketing network which products are exported to Southeast Asian, Europe, America etc.. We have won the recognition and trust of global customers.



企业愿景 Corporation Vision

成为全球领先的医化材料定制服务者

To be the world's leading manufacturer of medical and chemical material customization

企业口号 Corporation Slogan

让“Yacoo”享誉全球医化材料界

Wish to enjoy high reputation in the field of medical and chemical material field over the world

企业使命 Corporation Mission

不断推动医化材料的技术改进和革新

To continuously promote the technological improvement and innovation of medical and chemical material

企业核心价值观 Enterprise Core Values

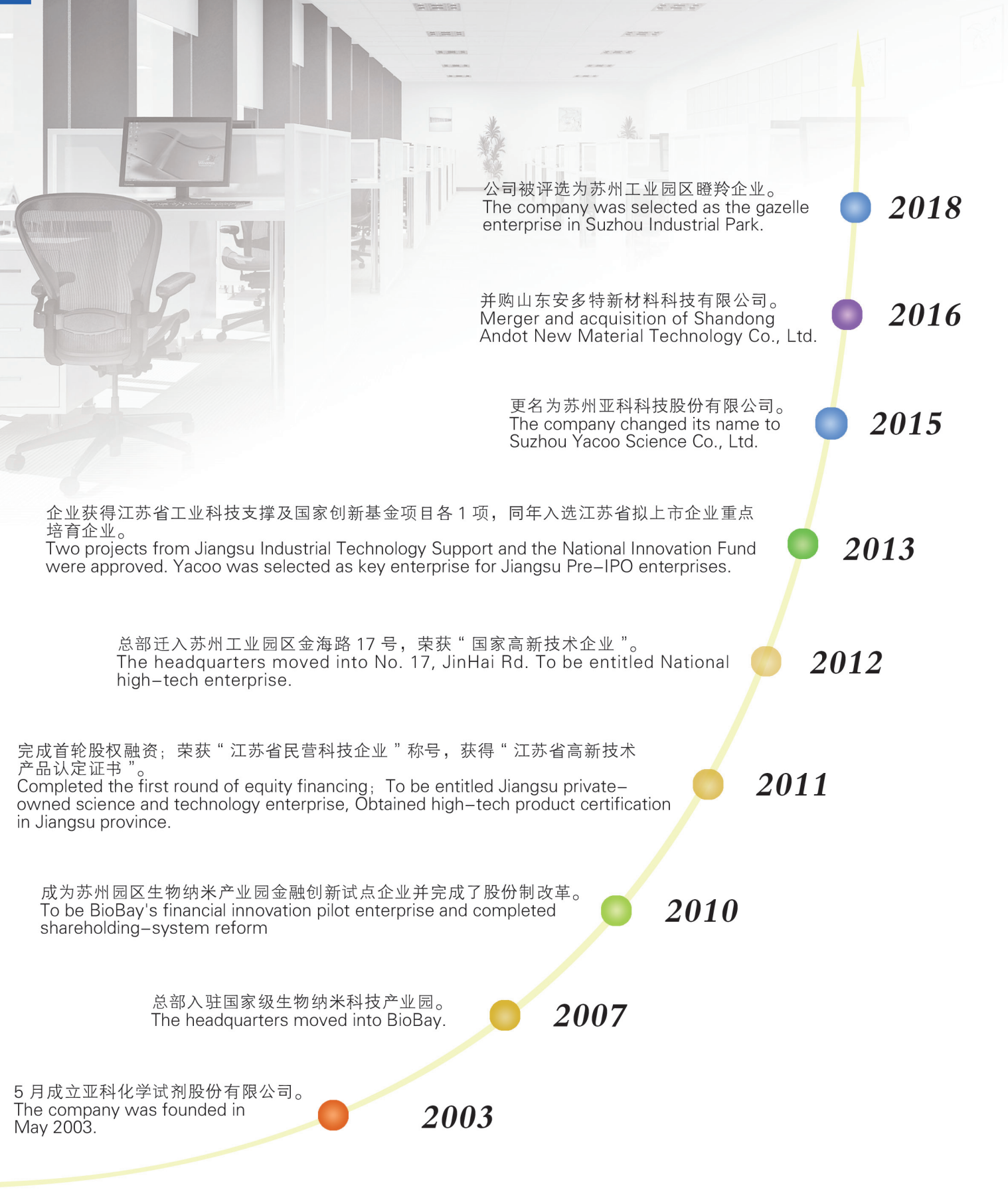
诚信感恩、责任敬勤、务实拼搏、创新卓越

Integrity and Appreciation, Obligation and Diligence, Practicability and fighting, Innovation and Excellence



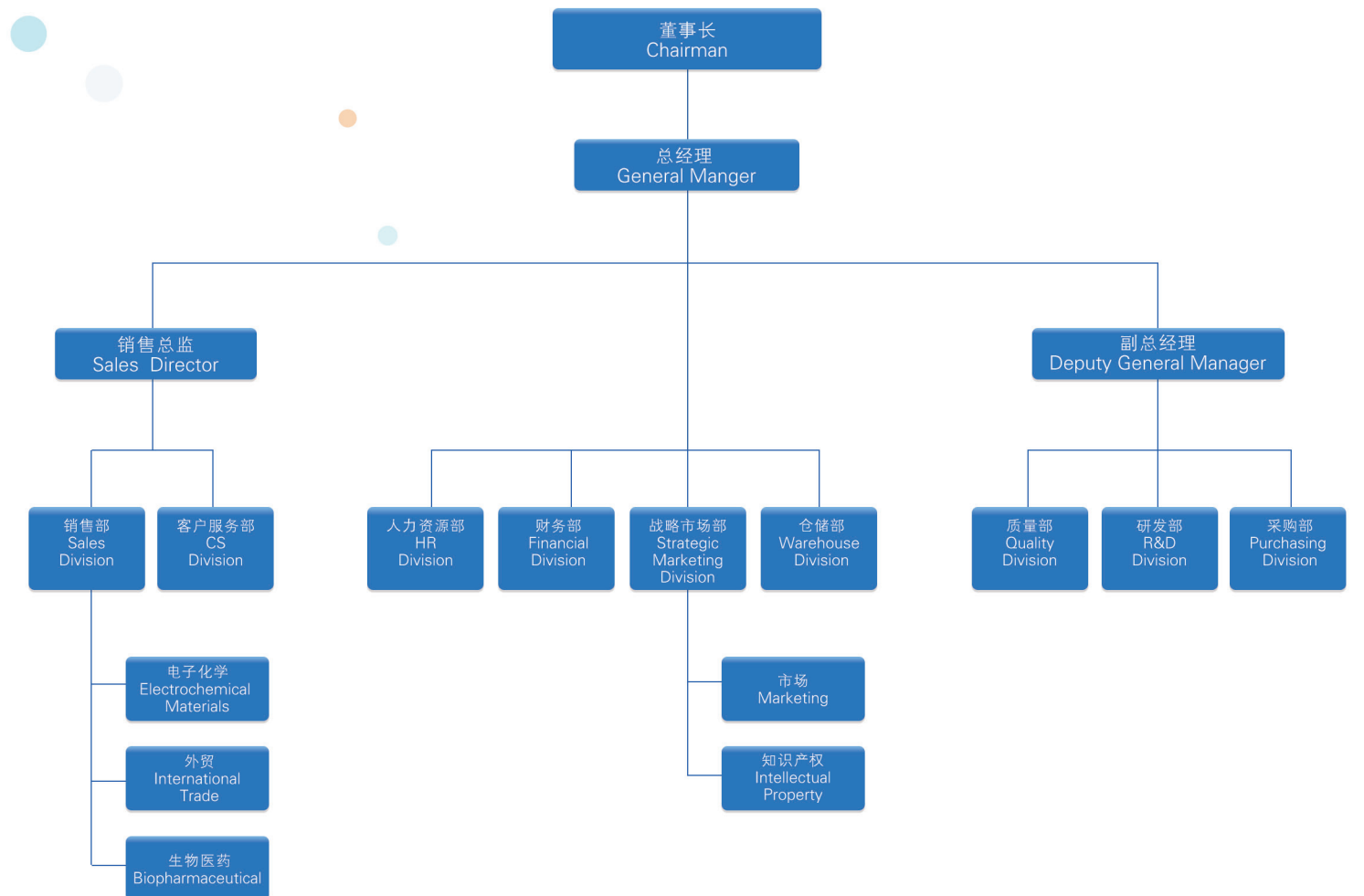
公司成立历史

Development history



企业架构

Enterprise Architecture



资质证照 Qualification



研发能力 Research and Development

>> 联合研发机构
Associated research and development institution

亚科科技技术研发中心
R&D center of Yacoo
中科院苏州纳米所产学研基地
Suzhou Institute of Nano-Tech and Nano-Bionics(SINANO), Chinese Academy of Sciences
production, learning and research base
南京工业大学产学研基地
Nanjing Tech University production, learning and research base
苏州大学产学研基地
Suzhou Univeristy production, learning and research base
湖南师范大学产学研基地
Hunan Normal University production, learning and research base



>> 研发领域
R&D Area

高分子材料polymer materials
医药中间体medical intermediate
临床检测原料Clinical test materials

聚合物单体monomer of polymer
电子化学新材料Electronic chemical materials

>> 研发成果
Research and development achievements



制造能力 Manufacturing Capacity

>> 亚科产能 Capacity

亚科生产基地位于山东济宁市，拥有150台反应釜，反应总容量可达560000升。可年产TRIS 2000吨，MOPS 500吨，HEPES 500吨，EDOT 80吨。

The production base is located in Jining, Shandong Province. It owns 150 reaction caldrons which the total reaction capacity can reach 560,000 liters. The annual capacity of TRIS, MOPS, HEPES, and EDOT is 2000 tons, 500 tons, 500 tons and 80 tons respectively.

>> 技术服务 Technical Service

克级，公斤级到吨位级产品的定制合成、委托研发和来料加工服务。
Provide Custom synthesis, consigned research & development and processing for products from gram to tonnage.

产品的中试放大，技术转移和产业化生产。
Pilot magnification, technology transfer and industrialized production of products.

>> 擅长反应 Main Reactions

- | | |
|-----------------------------|-------------------------------|
| 取代反应, substitution reaction | 聚合反应, polymerization reaction |
| 重氮反应, diazo reaction | 氢化反应, hydrogenation reaction |
| 氟化反应, fluorination reaction | 烷基化反应, alkylation reaction |



EHS管理 EHS Management

>> EHS方针 EHS Policy



>> EHS管理 EHS Management

公司严格遵守国家和地方有关环境保护的相关法律法规以及其他有关规定。
Yacoo strictly complies with the relevant national and local laws and regulations on environmental protection and other relevant provisions.

具有完善的三废处理设施，且工厂通过ISO14001:2015环境管理体系认证，能够在保证对环境友好的前提下安全开展生产活动。

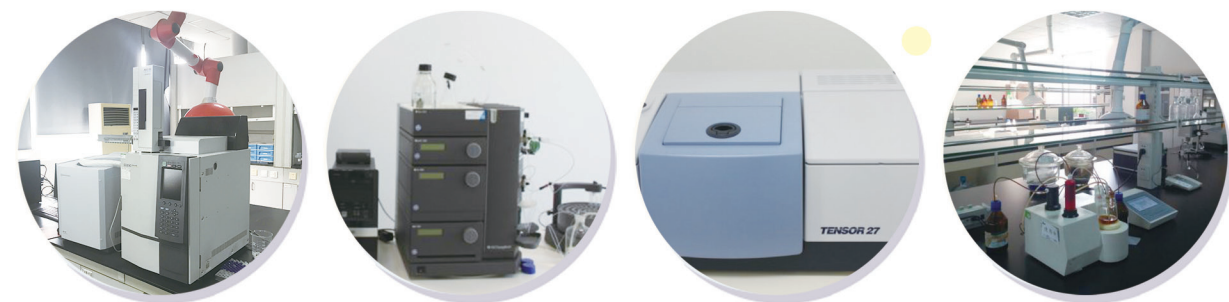
With the perfect facilities for three-waste treatment, the factory has passed the ISO14001:2015 environmental management system certification, and could carry out the producing activity on the environment-friendly premise.



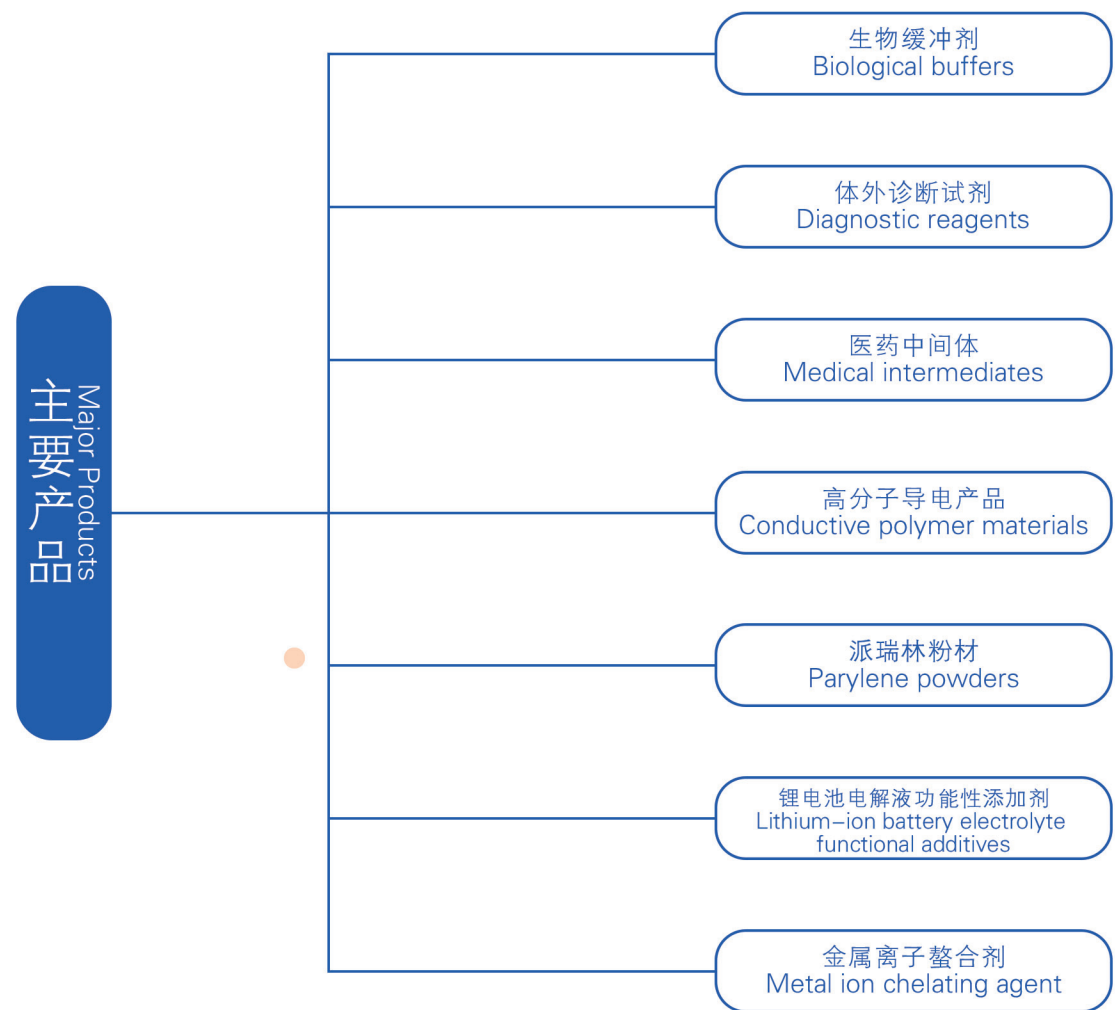
>> 品质管理 Quality Management

以过程控制保证产品质量；专注于为客户提供更高性价比的多样化产品和更优质的服务，以服务客户创新为己任。

Ensure the product quality by process control; concentrate on providing customers with diversified products with higher cost performance and services in better quality. Our mission is to serve the customers better and sustained innovation.



主要产品 Major Products

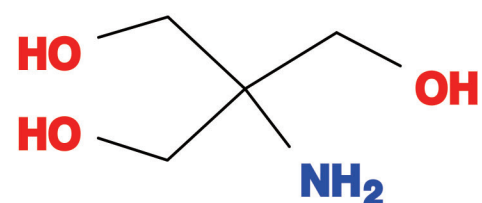


>> 合作伙伴 Cooperative Partner



生物缓冲剂 Biological buffer

>> 明星产品
The Core Product



品名 Product Name	三(羟甲基)氨基甲烷 Tris
CAS	77-86-1
含量 Assay	≥99.5%
外观 Appearance	白色结晶粉末 White crystalline powder

> 产品简介 Introduction

Tris 是一种重要的生物缓冲剂，25° C 下的 pKa 为 8.06，pH 缓冲范围: 7.0-9.0，广泛应用于生物化学、分子生物学等领域中缓冲液的制备。此外，Tris 还可用于化妆品、涂料以及体外诊断试剂的制备。

Tris is an important biological buffer with a pKa of 8.06 at 25°C and a pH buffer range of 7.0-9.0. It is widely used in the preparation of buffers in biochemistry, molecular biology etc. In addition, Tris can also be used in the preparation of cosmetics, coatings and in vitro diagnostic reagents.

>> 其他产品
Other Product

名称 Product Name	CAS	含量 Assay
三羟甲基氨基甲烷盐酸盐 Tris-HCl	1185-53-1	99.0% ~ 101.0%
4-羟乙基哌嗪乙磺酸 HEPES	7365-45-9	≥99.5%
3-吗啉丙磺酸 MOPS	1132-61-2	99.0% ~ 101.0%
双(2-羟乙基)氨基(三羟甲基)甲烷 BIS-TRIS	6976-37-0	99.0% ~ 101.0%
N,N-二(羟乙基)甘氨酸 BICINE	150-25-4	98.0% ~ 101.0%
N-(2-乙酰胺基)-2-亚氨基二乙酸 ADA	26239-55-4	98.0% ~ 101.0%
2-吗啉乙磺酸 MES	4432-31-9	≥99.0%
3-环己氨基丙磺酸 CAPS	1135-40-6	99.0% ~ 101.0%
哌嗪-1,4-二乙磺酸 PIPES	5625-37-6	99.0% ~ 101.0%
三(羟甲基)甲基甘氨酸 Tricine	5704-04-1	99.0% ~ 101.0%
3-(N-吗啉基)-2-羟基丙磺酸 MOPSO	68399-77-9	99.0% ~ 101.0%

体外检测试剂 IVD Reagents

>> 分子诊断 Molecular Diagnostics

名称 Product Name	CAS	含量 Assay
盐酸胍 Guanidine hydrochloride	50-01-1	≥99.0%
异硫氰酸胍 Guanidine isothiocyanate	593-84-0	≥99.0%
异丙基-β-D-硫代半乳糖苷 IPTG	367-93-1	98.0% ~ 101.0%
1,4-二硫代苏糖醇 DTT	3483-12-3	≥99.0%
2,2'-联喹啉-4,4'-二甲酸二钠 BCA-2Na	979-88-4	≥98.0%

>> 临床生化检测原料 Materials for clinical biochemical detection

名称 Product Name	CAS	含量 Assay
N-乙基-N-(2-羟基-3-磺丙基)-3-甲基苯胺钠盐二水合物 TOOS	82692-93-1	≥99.0%
对硝基苯磷酸二钠 PNPP	4264-83-9	≥99.0%
L-γ-谷氨酰基-3-羧基-4-硝基苯胺铵盐(γ-GT底物) γ-L-Glutamyl-3-carboxy-4-nitroanilide, monoammonium salt	63699-78-5	≥99.0%
N-乙基-N-(3-磺丙基)间甲苯胺钠盐 TOPS	40567-80-4	≥99.0%
3-羟基-2,4,6-三碘苯甲酸 HTBA	53279-72-4	≥97.0%
N,N-双(4-磺丁基)-3-甲基苯胺, 二钠盐 TODB	127544-88-1	≥98.0%
L-乳酸锂 Lithium L-lactate	27848-80-2	≥99.0%
双甘氨酸 Glycyl glycine	556-50-3	≥99.0%

>> 酶联免疫诊断原料 (ELISA) Materials for enzyme linked immunosorbent assay

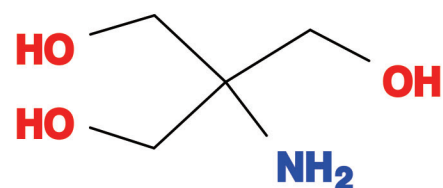
名称 Product Name	CAS	含量 Assay
3,3',5,5'-四甲基联苯胺 TMB	54827-17-7	≥99.0%
TMB 盐酸盐 TMB dihydrochloride	207738-08-7	≥98.0%
5-溴-4-氯-3-吲哚基磷酸酯对甲苯胺盐 BCIP	6578-06-9	≥99.0%
氯化硝基四氮唑兰 NBT	298-83-9	≥98.0%

>> 化学发光免疫检测原料 (CLIA) Materials for chemiluminescence immunoassay

名称 Product Name	CAS	含量 Assay
鲁米诺钠盐 Luminol monosodium salt	20666-12-0	≥98.0%
3-(2'-螺旋金刚烷)-4-甲氧基-4-(3'-磷酸氧基)苯-1,2-二氧杂环丁烷 AMPPD	122341-56-4	≥98.0%
N-(4-氨基丁基)-N-乙基异鲁米诺 ABEI	66612-29-1	≥97%
吖啶酯 NSP-DMAE-NHS	194357-64-7	≥95.0%
(4-氯苯磺基)(10-甲基-9,10-二氢吖啶亚甲基)磷酸二钠盐 APS-5	193884-53-6	≥98%
吖啶盐 NSP-SA-NHS	199293-83-9	≥97%

医药中间体 Pharmaceutical intermediate

>> 明星产品 The Core Product



品名 Product Name	氨丁三醇 Trometamol
CAS	77-86-1
含量 Assay	≥99.5%
外观 Appearance	白色结晶粉末 White crystalline powder

> 产品简介 Introduction

氨丁三醇是一种重要的医药中间体，可用来合成右酮洛芬氨丁三醇、磷霉素氨丁三醇、酮咯酸氨丁三醇等药物。氨丁三醇作为药用辅料可用于碘海醇注射液、硫辛酸注射液、匹多莫德口服液等制剂。

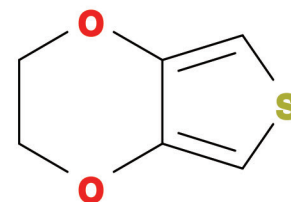
Trometamol is an important pharmaceutical intermediate that can be used to synthesize dexketoprofen tromethamine, fosfomycin tromethamine and ketorolac tromethamine etc. Trometamol is used as pharmaceutical excipient for iohexol injection, lipoic acid injection, and pidotimod oral solution etc.

>> 其他产品 Other Products

名称 Product Name	CAS	含量 Assay
阿德福韦中间体 A3 Adefovir Dipivoxil Intermediates	116384-53-3	≥98.0%
对氨基水杨酸钠二水合物 Sodium 4-aminosalicylate dihydrate	6018-19-5、133-10-8	≥98%
泊利氯铵 POLYQUATERNIUM-1	75345-27-6	固含量是 40% Solid content 40%
盐酸吡哆醛 Pyridoxal hydrochloride	65-22-5	≥99.0%

高分子导电产品 Conductive Polymer Products

>> 明星产品 The Core Product



品名 Product Name	3,4- 乙烯二氧噻吩 EDOT
CAS	126213-50-1
含量 Assay	≥99.5%
外观 Appearance	无色至淡黄色液体 Colorless or light yellow liquid
水分 moisture	≤0.5%

> 产品简介 Introduction

EDOT 是性能稳定的导电聚合物单体，主要用于合成导电聚合物 PEDOT，其广泛应用于固态电容器、OLED 显示器、太阳能电池、防静电涂层、高导电涂层、印刷线路板、厚膜电致发光、有机薄膜晶体管等现代电子工业。

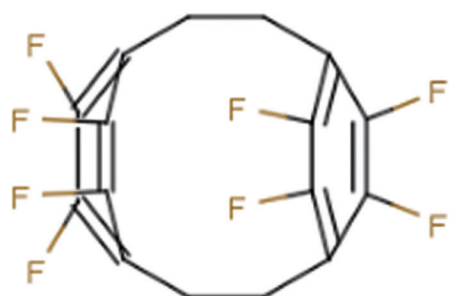
EDOT is a stable conductive polymer monomer, mainly used in the synthesis of conductive polymer PEDOT, which is widely used in solid capacitors, OLED displays, solar cells, anti-static coating, high conductive coating, printed circuit boards, thick film luminous, organic thin film transistor and other modern electronics industry.

>> 其他相关产品 Other Products

名称 Product Name	CAS	含量 Assay
聚苯乙烯磺酸 PSS	28210-41-5	29%-32% 水溶液 29%-32% solution
聚(3,4- 乙烯二氧噻吩) PEDOT	126213-51-2	≥98%
对甲苯磺酸铁 Iron(III) p-toluenesulfonate	77214-82-5	≥98%
乙烯基 -1(或 3)- 甲基 -1H- 咪唑翁硫酸甲酯均聚物 1-ethenyl-1(or 3)-methyl-1H-Imidazolium methyl sulfate (1:1) homopolymer	31855-14-8	42.0%~45.0% 水溶液 42.0%~45.0% solution

▶ 派瑞林粉材 Parylene dimer

>> 明星产品 The Core Product



品名 Product Name	派瑞林 F 粉 Parylene F dimer
CAS	1785-64-4
含量 Assay	≥98%
外观 Appearance	白色片状结晶 White lamellar crystal
灼烧残渣 Ignition residue	≤0.1%
灼干燥失重 Loss on drying	≤2%

> 产品简介 Introduction

派瑞林材料是用独特的真空气相沉积工艺制备，由活性小分子在基材表面“生长”出完全数形的聚合物薄膜涂层，具有防水、防潮、防霉、防腐、防盐雾及耐高温等功能。

Parylene coating is a kind of unique thin polymer film grows through the active small molecule on the surface of the substrate with vacuum vapor deposition process. It has the functions of waterproof, moistureproof, mildewproof, anti-corrosion, anti-salt spray, high temperature resistance, and so on.

>> 其他产品 Other Products

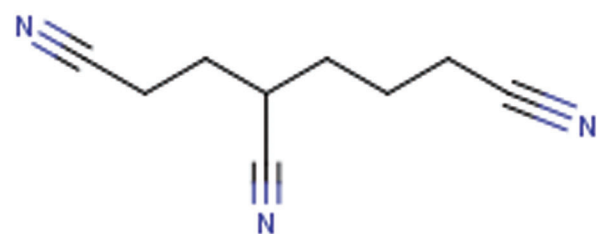
名称 Product Name	CAS	含量 Assay
派瑞林 N 粉 Parylene N dimer	1633-22-3	≥99%
派瑞林 C 粉 Parylene C dimer	28804-46-8	≥99.5%



锂电池电解液功能性添加剂

► Functional Additives for Lithium-ion Battery Electrolyte

>> 明星产品 The Core Product



品名 Product Name	1,3,6-己烷三腈 (HTCN) 1,3,6-hexanetricarbonitrile
CAS	1772-25-4
含量 Assay	≥99%
外观 Appearance	无色至淡黄色液体 Colorless to light yellow liquid
水分 Moisture	≤100ppm
色度 Chromaticity	≤200APHA
色度 (25% DMC 溶液) Chromaticity(25% DMC solution)	≤60APHA

> 产品简介 Introduction

己烷三腈在性能方面更优于其他腈类添加剂 (己二腈, 丁二腈等)。在高电压电解液当中具有较好的高温储存和循环性能。
苏州亚科科技开创新工艺, 完成了对高纯度己烷三腈的研发生产, 并获得国家发明专利授权 (CN104387291B)。

1,3,6-hexanetricarbonitrile is better in the performance than other additives with cyano group (adiponitrile, succinonitrile etc.). It has good high-temperature storage and re-cycling performance in the high-voltage electrolyte.

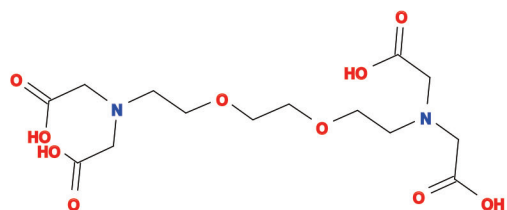
Suzhou Yacoo completed the research and development of high purity 1,3,6-hexanetricarbonitrile by a new synthesis technology, and obtained the national invention patent authorization (CN104387291B).

>> 其他产品 Other Products

名称 Product Name	CAS	含量 Assay
二氟草酸硼酸锂 LiODFB	409071-16-5	≥99.9%
乙氧基五氟环三磷腈 Ethoxy(pentafluoro)cyclotriphosphazene	33027-66-6	≥99.9%
双氟磺酰亚胺锂盐 LIFSI	171611-11-3	≥99.9%
丁二腈 SN	110-61-2	≥99.9%
六氟环三磷腈 HEXAFLUOROCYCLOTRIPHOSPHAZENE	15599-91-4	≥98.5%
1,3-丙磺酸内酯 (电子级) 1,3-PS (electronic grade)	1120-71-4	≥99.9%

金属离子螯合剂 Metal ion chelating agent.

>> 明星产品 The Core Product



品名 Product Name	乙二醇双(2-氨基乙醚)四乙酸 EGTA
CAS	67-42-5
含量 Assay	99.0% ~ 101.0%
外观 Appearance	白色粉末 White crystalline powder

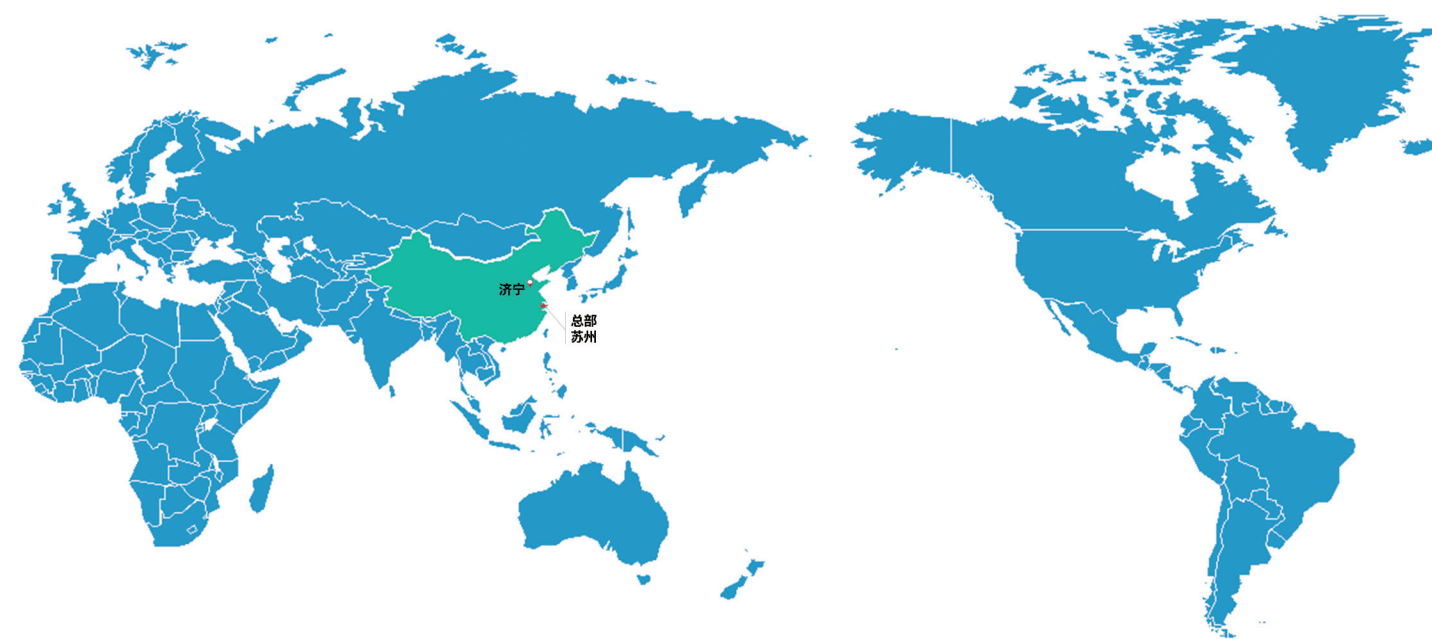
> 产品简介 Introduction

EGTA 是一种氨基多羧酸螯合剂, 其与钙离子形成的螯合物稳定性高于与镁离子形成的螯合物, 在 Mg^{2+} 离子存在下测定 Ca^{2+} 离子时, 选用 EGTA 作滴定剂有利于提高选择性. EGTA 还可作为 ELISA 实验中碱性磷酸酶的抑制剂, 印刷线路板的 OSP 处理液的组分。

EGTA is an aminopolycarboxylic acid type chelating agent. The calcium complex with EGTA is more stable than the magnesium complex with EGTA. EGTA is used as titrant to improve selectivity in determination of calcium in the presence of magnesium. EGTA is also useful in ELISA reaction as an inhibitor of alkaline phosphate activity. EGTA has also been as a component of the OSP processing solution for printed circuit board.

>> 其他产品 Other Products

名称 Product Name	CAS	含量 Assay
N,N'-(1,2-乙烷二基)双天冬氨酸 EDDS	20846-91-7	≥98.0%
N-羟乙基乙二胺-N,N',N'-三乙酸 HEDTA	150-39-0	≥98%
羟基乙叉二膦酸 HEDP	2809-21-4	≥90%
乙二胺四甲叉膦酸钠 EDTMPs	22036-77-7	≥99%



企业愿景 Corporation Vision

成为全球领先的医化材料定制服务者!

To be the world's leading manufacturer of medical and chemical material customization!