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扫码关注公众号
钛和集团



扫码关注公众号
钛和食农



特殊膳食用食品&保健食品 测试与技术服务

Special Dietary Food & Health Food
Testing and Technical Service

钛和检测认证集团

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关于我们

About Us

钛和集团

Ti Group

钛和检测认证集团股份有限公司(简称“钛和集团”)是中国领先的第三方综合性检测认证企业，深耕汽车与通信、新能源电力、生命健康、工业与设施、认证及可持续发展领域，致力于为客户提供一站式检测、检验、认证、校准和其他技术服务。服务网络覆盖全国、连通海外，拥有超过100家实验室和50家分支机构。钛和集团坚持以技术为核心驱动力，秉承“一切只为信任”的理念，不断追求卓越，助力企业提升质量和竞争力，实现创新和可持续发展。

Ti Testing and Certification Group Co., Ltd. (hereinafter referred to as "Ti group") is a leading third-party comprehensive testing and certification enterprise in China. It focuses on the fields of automobile and communication, new energy power, life and health, industry and facilities, certification and sustainable development, and is committed to providing customers with one-stop testing, inspection, certification, calibration and other technical services. The service network covers the whole country and connects overseas, with more than 100 laboratories and 50 branches. Tihe group insists on taking technology as the core driving force, adhering to the concept of "everything is for trust", constantly pursues excellence, helps enterprises improve quality and competitiveness, and realizes innovation and sustainable development.

100+

实验室

50+

分支机构

2600+

专业人员

食品农产品事业部

Food and Agricultural Products Division

钛和食品农产品服务致力于成为从农田到餐桌覆盖全产业链，集检测、审核、认证、技术咨询和培训为一体的质量安全服务专家。目前，我们已在江苏、浙江、上海、山东、福建等地建有独立实验室。通过技术创新、加快布局，我们持续提升服务效率，以一站式解决方案，全面满足客户多元化质量需求，及各地监管机构不断扩大的对食品农产品安全的管理要求。

The Food and Agricultural Products Division is committed to becoming a quality and safety service expert covering the whole industry chain from farmland to table, integrating testing, auditing, certification, technical consultation and training. At present, we have established independent laboratories in Jiangsu, Zhejiang, Shanghai, Shandong, Fujian and other places. Through technological innovation, accelerate the layout, we continue to improve the efficiency of service, one-stop solutions to fully meet the diversified quality needs of customers, and the ever-expanding management requirements of food and agricultural product safety regulators around the country.

特膳&保健食品产品线

Special Food & Health Food Product Line

钛和食农精准布局，成立特膳&保健食品产品线。旗下南京、青岛、杭州、上海分公司已获特殊食品验证评价技术机构备案资质，形成专业服务体系，可承接各类特殊食品验证评价工作。企业等主体可就近选分公司检测，省成本、提效率，加速产品面市，助其在特殊食品领域占得先机，享坚实保障。

Laboratory Qualification: The subsidiaries in Nanjing, Qingdao, Hangzhou and Shanghai of TiGroup Food & Agriculture Service have obtained the qualification of special food verification and evaluation technology institutions, and can undertake the verification and evaluation work of health food, special medical use formula food and other special food. Enterprises, legal persons and other social organizations can query the relevant record information of our company through the system and independently choose the nearest branch company through the record for product testing, which is convenient and quick to complete product testing.

食农各地备案号

Record Number

江苏	南京	TY04231500	钛和中谱检测技术(江苏)有限公司
山东	青岛	TY02011560	中谱安信(青岛)检测科技有限公司
浙江	杭州	TY04231502	中谱安信(杭州)检测科技有限公司
上海	浦东新区	TY02251584	上海格瑞产品检测有限公司

产业链一站式服务

One-stop Service for Industrial Chain



1

原辅料验收

Acceptance of Raw Materials

- 中药材功效成分含量检测
Detection of functional components in Chinese medicinal materials
- 植物提取物特征成分检测
Detection of characteristic components in plant extracts
- 营养素预混原料含量检测
Nutrient premixed raw material content detectio
- 特定风险指标（塑化剂、毒素等）检测
Detection of specific risk indicators (plasticizers, toxins, etc.)
- 原辅料型式检验
Type inspection of raw materials and ingredients



2

产品研发

Research & Development

- 毒理试验
Toxicity Test
- 保健功能试验
Health Function Test
- 方法开发、优化及验证
Method development, optimization and validation
- 注册或备案申报咨询及代理服务
Registration or filing advisory and agent services
- 其他研发相关服务：服务比对、实验室能力建设指导等
Other R&D related services: service comparison, laboratory capacity building guidance, etc



3

产品生产

Production

- 产品稳定性研究
Product stability study
- 功效成分/卫生学指标检测
Testing of functional components/hygiene indicators
- 产品均匀性验证
Product uniformity verification
- 产品型式检验
Product type inspection
- 生产环境监控（洁净室、生产用水、生产线过敏原监测等）
Production environment monitoring (clean room, production water, production line allergen monitoring, etc.)



4

市场流通和监管

Market Circulation and Supervision

- 政府、电商平台抽检
Random inspection of government and e-commerce platforms
- 产品标签合规性检查
Inspection of product label compliance
- 其他：市场调研、神秘顾客、法规解读培训等
Others: market research, mystery customer, law interpretation training, etc

保健食品

2015年修订的《食品安全法》将保健食品、特殊医学用途配方食品和婴幼儿配方食品纳入特殊食品，实施严格监督管理。

依据《食品安全法》、《保健食品注册与备案管理办法》以及一系列配套文件，钛和食农可以提供以下服务，助力保健食品行业发展。

The Food Safety Law revised in 2015 includes health food, formula food for special medical purposes and infant formula food as special food, under strict supervision and management. According to the Food Safety Law, Measures for the administration of registration and filing of health food and the series of supporting documents, TiGroup Food & Agriculture Service can provide the following services to help the development of health food industry.

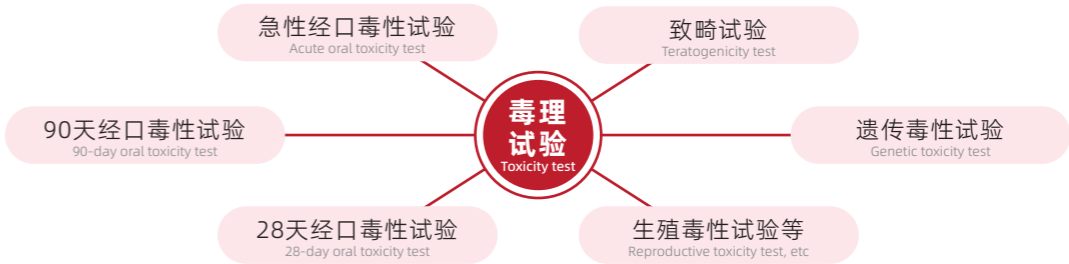
安全性和保健功能评价

Safety and Health Function Evaluation

注册申请产品应具有充足的安全性、保健功能、质量可控性科学依据。注册申请人不仅应提供科学依据的来源、目录和全文，还应与产品的配方、工艺等技术要求进行研究比对，并按照申请材料要求，逐项对产品安全性、保健功能、质量可控性进行论证和综述。

钛和食农特设立了专业的毒理与功能评价实验室，严格遵循国家食品药品监督管理局的相关规定和规范要求，致力于为保健食品及其原料提供全面的安全性评价和保健功能评价服务。

The products applied for registration should have sufficient scientific basis for safety, health function and quality control. The registration applicant shall not only provide the source, catalog and full text of the scientific basis, but also conduct research and comparison with the technical requirements such as the formula and process of the product, and demonstrate and summarize the product safety, health function and quality control item by item in accordance with the requirements of the application materials. The company has set up a professional toxicology and function evaluation laboratory, which strictly follows the relevant regulations and specifications of the State Food and Drug Administration, and is committed to providing comprehensive safety evaluation and health function evaluation services for health food and its raw materials.



产品稳定性测试

Product Stability Test

依据保健食品稳定性试验指导原则的通知（食药监办食监三函[2013]500号），钛和食农为客户提供专业的稳定性试验研究，制定合理科学的稳定性测试方案、对测试数据进行分析并出具报告：

Acording to the notice of health food stabiliy test Guidelines(CFDA Food Safety Sanhan[2013]No.500),TiGroup Food &Agriculture Service provide customers with professional stability test studies,formulate reasonable and scientific stability test programs,analyze test data and issue reports:

样品类型 Type of Sample	测试类型 Test Type	测试放置条件 Test Placement Conditions	测试项目 Test Item	测试节点 Test Node
普通样品 Common samples	加速试验 (2年保质期) Accelerated test (2 years shelf life)	温度：37±2℃ 相对湿度：RH75±5% Temperature: 37±2℃ Relative humidity: RH75±5%	感官、微生物、崩解时限（溶散时限、溶化性等）、水分、pH值、酸价、过氧化值、列入理化指标中的特征成分等随储存条件和储存时间容易发生变化的指标	0、1、2、3个月 检测一次 Test at 0, 1, 2 and 3 months
	长期试验 (2年保质期) Long-term test (2 yearssshelf life)	在说明书规定的 贮存条件下贮存 Tconditions specified in the instructions		0、3、6、9、12、 18、24个月检测一次 Test at 0, 3, 6, 9, 12, 18, 24 months
特殊样品 Special samples	短期试验 (3个月内保质期) Short-term test (shelf life within 3 months)	在说明书规定的 贮存条件下贮存 Tconditions specified in the instructions	Sensory,microorganism, disintegration time limit (dissolution time limit,solubility,etc.),moisture,pH value, acid value,peroxide value,charac-teristic components included in the physical and chemical indexes are easy to change with storage conditions and storage time	0、终月（天） 0, the last month (day)
	短期试验 (3-6个月保质期) Short-term test (3-6months shelf life)	在说明书规定的 贮存条件下贮存 Tconditions specified in the instructions		每3个月检测一次 (包括贮存0、终月) Test at 3 months (including0 and end month of storageperiod)
	长期试验 (大于6个月保质期) Long-term test (more than 6 months shelf life)	在说明书规定的 贮存条件下贮存 Tconditions specified in the instructions		每3个月检测一次 (包括贮存0、终月) Test at 3 months (including0 and end month of storageperiod)

产品功效成分或标志性成分、卫生学测试

Product Functional Ingredient,Signature Ingredient and Hygiene Test

钛和食农可依据产品技术要求进行卫生学测试，以及各类产品的功效成分和标志性成分测试。

10种保健食品备案原料类：辅酶Q10、破壁灵芝孢子粉、鱼油、螺旋藻、褪黑素、大豆分离蛋白、乳清蛋白、人参、灵芝、西洋参；

维生素类：维生素A、D、E、K、C、B族等；

矿物质类：钙、铁、锌、硒、镁、钾、锰等；

其他功效成分：皂苷类、黄酮类、蒽醌类、多糖类、氨基酸、脂肪酸、三萜类，洛伐他汀，左旋肉碱，腺苷，淫羊藿苷等。

TiGroup Food & Agriculture Service can carry out sanitary test accrding to product technical requirements, as well as the functional components and signature components of various products.
10 kinds of health food record raw materials: Coenzyme Q10, broken Ganoderma lucidum spore powder, fish oil, spirulina, melatonin, soy protein isolate, whey protein, ginseng, Ganoderma lucidum, panax quinquefolius;
Vitamins:vitamins A, D, E, K, C, B, etc.
Minerals: calcium, iron, zinc, selenium, magnesium, potassium, manganese,triterpenoids, lovastatin, l-carnitine, adenosine, icariin, lycopene, soy isoflavones, etc



鉴别研究

Identification Study

根据《保健食品注册申请服务指南（2016年版）》中注册申请材料要求，保健食品注册产品需根据产品配方及相关研究结果确定产品的鉴别方法，并予以全面、准确的阐述。基于此要求，钛和食农特开展鉴别研究材料业务，助力保健食品行业发展。产品鉴别方法一般包括理化鉴别、显微鉴别、薄层鉴别等，应满足专属性强、重现性好、灵敏度高以及操作简便、快速的要求，原则上应与原料的鉴别方法相对应，采用其他鉴别方法的，应有充足的证据理由。

According to the requirements of registration application materials in the "Health Food Registration Application Service Guide (2016 edition)", health food registration products need to determine the identification method of the product according to the product formula and related research results, and give a comprehensive and accurate description. Based on this requirement, Titanium and Food Food Special carry out identification research materials business to help the development of health food industry. Product identification methods generally include physical and chemical identification, microscopic identification, thin layer identification, etc., should meet the requirements of strong specificity, good reproducibility, high sensitivity, simple and rapid operation, in principle should be relative to the identification of raw materials, the use of other identification methods, there should be sufficient evidence.

注册（新品、清理换证）&备案产品其他服务

Registration (New Products, Clearance Renewal) & Record other Services

/ 注册&备案咨询 Registration & Notification Consultation

钛和食农拥有经验丰富的保健食品行业技术服务团队及外聘专家，可为保健食品企业提供有力的技术支持，引导 和帮助企业 在较短时间内顺利取得注册/备案批文。

TiGroup Food & Agriculture Service has experienced health food industry technical service team and external experts, can provide strong technical support for health food enterprises, guide and help enterprises in a short period of time to successfully obtain registration/ notification approval.

/ 注册&备案申报代理 Registration & Notification Agent

编制/审核申请材料

Compile/Review Application Materials



配方材料

Formula Materials



生产工艺

Manufacturing Technique



安全性和保健功能评价材料

Safety and Health Function Evaluation Materials



产品说明书

Product Manual



标签

Label



产品技术要求等

Product Technical Requirements, etc



方法学验证

Methodology Validation

《保健食品注册申请服务指南（2016年版）》中规定，检测方法非国家标准、地方标准、行业标准或技术规范等的，注册申请人应对检测方法的适用性、重现性等进行研究，并提供方法学研究资料。

《保健食品备案工作指南（试行）》中规定，理化指标、功效成分或标志性成分指标的检测方法为备案人研究制定的，应列出检测方法全文，并提供该检测方法对本产品适用性相关资料。

钛和食农对检测方法的研究有着丰富的经验，可为保健食品客户提供产品注册和备案中需要提供的功效成分或 标志性成分以及理化指标的方法学研究报告，包括检出限、精密度、准确度、线性范围、专属性、耐用性等，研究报告参照GB/T 27417、GB/T 27404、GB/T 5009.1、中国药典等相关文件。

According to the Health Food Registration Application Service Guide (2016 Edition), if the testing method is not a national standard, local standard, industry standard or technical specification, the registered applicant should conduct research on the applicability and reproducibility of the testing method and provide methodological research materials.

It is stipulated in the Health Food Notification Work Guide (Trail) that the test methods of physical and chemical indicators, functional components or landmark components are developed by the record holder, and the full text of the test methods shall be listed, and relevant information of the applicability of the test method to the product shall be provided.

产品技术要求编制支持

Product Specification Compile

钛和食农可为产品技术要求编制提供相关技术支持，主要是格式规范和内容合规建议两方面，包括原辅料、包装材料及生产工艺合规建议、质量卫生指标限量要求及检测方法合规建议、功效成分含量及检测方法合规建议等。

TiGroup Food & Agriculture Service can provide relevant technical support for product technical documentations, mainly in terms of format specification and content compliance suggestions, including compliance suggestions on raw materials, packaging materials and production process, compliance suggestions on quality and health index limit requirements and testing methods, compliance suggestions on functional component content and testing methods, etc.

产品标签审核

Product Label Audit

钛和食农专业的标签审核团队，拥有10年以上标签审核经验，可提供保健食品标签相关的咨询、审核、培训服务，确保标签内容符合法规要求，帮助企业掌握保健食品标签的基本内容。

《保健食品命名指南》

《保健食品标识规定》

《保健食品标注警示用语指南》

《保健食品管理方法》

《GB 7718 食品安全国家标准 预包装食品标签通则》

其他有关特殊食品标签标识的公告及其它相关文件要求

Our professional label audit team, with more than 10 years of label audit experience, can provide consulting, audit and training services related to health food label, ensure that the label content meets the requirements of laws and regulations, and help enterprises master the basic content of health food label.

Health Food Naming Guide

Health Food Labeling Regulation

Warning Terms for Health Food Labeling Guide

Measures for the Administration of Health Food

GB 7718 National Food Safety Standard General Rules for Pre-packaged Food Labels

产品稳定性测试

Product Stability Test

相关产品 Related Products	项目 Item	依据 Regulations
声称辅助降血脂类产品 Claims to aid in lowering blood lipids	洛伐他汀、辛伐他汀S、烟酸 Lovastatin,simvastatin S,niacin	《辅助降血脂类保健食品违法添加药物的检测方法》 (食药监办许[2010]114号) Detection Method of Illegal Addition of Drugs to Auxiliary Hypidemia Health Food (Xu [2010] No. 114, Food and Drug Administration)
声称辅助降血压类产品 Claims to aid in blood pressure lowering	阿替洛尔、卡托普利、利血平、 哌唑嗪、氢氯噻嗪等12项 12 items,including atenolol,captopril, reserpine, prazosin and hydrochlorothia zide,etc	国家食品药品监督管理局药品检验补充检验方法和检验项目批准件批 准件编号2009032; 国家食品药品监督管理局药品检验补充检验 方法和检验项目批准件2014008 State Food and Drug Administration drug inspection supplementary inspection methods and inspection items approved document No. 2009032; State Food and Drug Administration drug inspection supplementary inspection method and inspection project approval 2014008
声称辅助降血糖类产品 Claims to aid in hypoglycemic products	格列齐特、盐酸丁二胍、格列本脲、 格列吡嗪、格列喹酮等13项 13 items,including gliclazide,butandiguin hydrochloride, glibenclamide,glipizide,gliataqualone,etc	国家食品药品监督管理局药品检验补充检验方法和检验项目批准件批 准件编号2009029; 国家食品药品监督管理局药品检验补充检验 方法和检验项目批准件编号2011008; 国家食品药品监督管理局 药品检验补充检验方法和检验项目批准件编号2013001 State Food and Drug Administration drug inspection supplementary inspection methods and inspection items approved document No. 2009029; The State Food and Drug Administration drug inspection supplementary inspection method and inspection item approval No. 2011008; The State Food and Drug Administration drug inspection supplementary inspection method and inspection item approval No. 2013001
声称改善睡眠类产品 Claims to improve sleep	阿普唑仑、艾司唑仑、奥沙西洋、 巴比妥、苯巴比妥等18项 18 items,including alprazolam,estazolam,oxazepam, barbiturate and phenobarbital,etc	国家食品药品监督管理局药品检验补充检验方法和检验项目批准 件2009024; 国家食品药品监督管理局药品检验补充检验方法和 检验项目批准件2013002 Approval of Supplementary Inspection Methods and Inspection Items for Drug Inspection of State Food and Drug Administration 2009024, Approval of Supplementary Inspection Methods and Inspection Items for Drug Inspection of State Food and Drug Administration 20130
声称补肾壮阳类产品 Claims to bekidney tonifying	红地那非、氨基他达拉非、豪莫西地那非、 羟基豪莫西地那非、那红地那非等90项 90 items,including reddenafil,aminotadalafil, haoxidafil, hydroxyl haoxidafil,nareddenafil,etc	BJS 201601 食品中那非类物质的测定; BJS 201805 食品中那非类物质的测定; BJS 201601 Determination of non-class substances in food BJS 201805 Determination of non-class substances in food
声称缓解体力疲劳、 增强免疫力类产品 Claims to relieve physical fatigue and enhance immunity	西地那非、硫代艾地那非、那红地那非、 伪伐地那非、那莫西地那非等11项 Sildenafil, tiodenafil, Narred denafil, pseudwardenafil, Narmosildenafil and 11 other items	国家食品药品监督管理局药品检验补充检验方法和检验项目批准 件2008016; 国家食品药品监督管理局药品检验补充检验方法和 检验项目批准件批准件编号 2009030 Approval of Supplementary Inspection Methods and Inspection Items for Drug Inspection of State Food and Drug Administration 2008016. Approval of Supplementary Test Methods and Test Items for Drug Inspection of State Food and Drug Administration Approval No. 2009030
声称减肥类产品 Claim weight loss products	西布曲明、芬氟拉明、咖啡因、 味塞米、酚酞等8项 8 items,including Sibutramine,fenturamine, caffeine,furosemide,phenolphthalein,etc	《减肥类保健食品违法添加药物的检测方法》食药监办许 [2010]114号; 国家食品药品监督管理局药品检验补充检验方法和 检验项目批准件2012005; 国家食品药品监督管理局药品检验补 充检验方法和检验项目批准件2006004; "Detection Method of illegal added drugs in Weight loss health Food", Food and Drug Administration Office [2010] No. 114; The State Food and Drug Administration drug inspection supplementary inspection methods and inspection items approved 2012005; State Food and Drug Administration drug inspection supplementary inspection methods and inspection items approved 2006004;



特殊膳食用食品

特殊膳食用食品是为满足特殊的身体或生理状况和（或）满足疾病、紊乱等状态下的特殊膳食需求，专门加工或配方的食品。

这类食品的营养素和（或）其他营养成分的含量与可类比的普通食品有显著不同。我国特殊膳食用食品所包含的食品类别如下：（来源 GB 13432）

Special dietary food is specially processed or formulated to meet special physical or physiological conditions and/or to meet special dietary needs under conditions such as diseases and disorders. The nutrients of such foods is significantly different from that of comparable ordinary foods. The food categories of special dietary food in China are as follow :(source GB 13432)

特殊膳食用食品
Special Dietary Food

特殊医学用途配方食品
Food for Special Medical Purposes

婴幼儿配方食品
Infant Formula

婴幼儿辅助食品
Baby Supplementary Food

运动营养食品
Sports Nutritional Food

辅助营养补充品
Nutritional Supplements

孕妇及乳母营养补充食品
Nutritional Supplements for Pregnant Women and Lactating Mothers

其他具有相应国家标准的特殊膳食用食品
Other Special Dietary Foods With Correspond-ing National Standards

特殊医学用途配方食品

Food for Special Medical Purposes

依据《食品安全法》和《特殊医学用途配方食品注册管理办法》，特殊医学用途配方食品实施注册管理。钛和食农可以提供以下服务，助力特医食品行业发展。

According to the Food Safety Law and the Measures for the Registration and Administration of Food for Special Medical Purposes,Food for Special Medical Purposes shall be registered and managed.TiGroup Food & Agriculture Service can provide the following services to help the development of specialty medical food industry.

产品稳定性测试 Product Stability Test

依据《特殊医学用途配方食品稳定性研究要求（试行）》，钛和食农为客户提供专业的稳定性试验研究，制定合理科学的稳定性测试方案、对测试数据进行分析并出具报告。

According to the Stability Study Requirements for Food for Special Medical Purposes (Trial) , TiGroup Food & Agriculture Service provide customers with professional stability test studies, develop reasonable and scientific stability test programs, analyze test data and issue reports.

测试类型 Type of Test		测试项目 Test Item	测试时间 Test Time	测试节点 Test Node
影响因素 试验 Influence factor test	高温试验 High-temperature test	营养充足性和特殊医学用途临床效果的项目； 以及依据产品形态、使用方式及贮存过程中存在的主要风险等增加的考察项目。（0月和试验结束时应对产品标准要求中规定的全部项目进行检测。） All inspection items specified in the product quality requirements or items that are subject to change during the shelf life and may affect product quality, safety, nutritional adequacy and clinical effect for special medical purposes; Additional items according to product form, use mode and main risks existing in the storage process. (All items specified in the product standard requirements shall be tested in 0 months and at the end of the test)	10天 10 days	5,10天 5, 10 days
	高湿试验 (液体制剂不做) High humidity test (not for liquid preparations)			
	光照试验 Illumination experiment			
加速试验 Accelerated test			产品保质期的四分之一， 且不得少于3个月 One fourth of the shelf life of the product, and not less than 3 months	0,1,2,3,6, n个月 0,1,2,3,6, n months
长期试验 Long-term test			与产品保质期一致 Consistent with product shelf life	第一年每3个月末一次， 第二年每6个月末一次， 第3年每年一次 Once every three months in the first year, once every six months in the second year and once every year in the third year

/ 产品全项目测试 Product Full Items Test

钛和食农可提供国家强制性标准的全项目测试报告，同时可以按照企业自主制定的企业标准要求进行产品全项目测试。

《产品技术要求/客户企业标准文件》

《GB 29922 食品安全国家标准 特殊医学用途配方食品通则》

《GB 25596 食品安全国家标准 特殊医学用途婴儿配方食品通则》

TiGroup Food & Agriculture Service can provide the national mandatory standards of the whole item test report, at the same time, we can carry out the whole item inspection of the Product According to the Enterprise Standard Requirements
Product Technical Requirements/Customer Enterprise Standard Document
GB 29922 National food safety standard Formula Food for Special Medical Purposes
GB 25596 National food safety standard Infant Formula Food for Special Medical Purposes

/ 方法学验证 Methodology Validation

《特殊医学用途配方食品注册申请材料项目与要求(试行)(2017修订版)》中规定，营养素、可选择性成分中食品安全国家标准没有规定检测方法的，申请人应提供检测方法与方法学验证资料。

钛和食农对检测方法的研究有着丰富的经验，可为特殊医学用途配方食品客户提供国家标准没有规定检测方法的营养素、可选择性成分的方法学研究报告，包括检出限、精密度、准确度、线性范围等，研究报告参照GB/T 27417、GB/T 27404、GB/T 5009.1等相关文件。

According to the Application Materials and Requirements for Registration of Formula Food for Special Medical Purposes (Trial) (2017 Revised Edition), if the national food safety standards for nutrients and optional ingredients do not provide testing methods, the applicant should provide testing methods and methodological verification data.
TiGroup Food & Agriculture Service have rich experience in the research of detection methods, and can provide special medical food customers with the methodological research reports of nutrients and optional ingredients that are not specified in the national standards, including detection limit, precision, accuracy, linear range, etc. The research report refers to GB/T 27417, GB/T 27404, GB/T 5009.1 and other relevant documents.

/ 产品标签审核 Product Label Audit

钛和食农专业的标签审核团队，拥有10年以上标签审核经验，可提供特殊医学用途配方食品标签相关的咨询、审核、培训服务，确保标签内容符合法规要求，帮助企业掌握特殊医学用途配方食品标签的基本内容。

《GB 13432 食品安全国家标准 预包装特殊膳食食品标签》

《GB 7718 食品安全国家标准 预包装食品标签通则》

其他有关特殊食品标签标识的公告及其它相关文件

Our professional label audit team, with more than 10 years of label auditing experience, can provide consulting, audit and training services related to formula food labels for special medical purposes, ensure that the label content meets the requirements of laws and regulations, and help enterprises master the basic contents of formula food labels for special medical purposes.
GB 13432 National food safety standard Pre-packaged Special dietary Food Labels
GB 7718 National food safety standard General Rules for Pre-packaged Food Labels
Other announcements and other relevant documents relating to special food labelling

/ 生产线过敏原测试 Production Line Allergen Test

《特殊医学用途配方食品生产许可审查细则》中第三十二条规定：（十）制定产品共线生产与风险管控要求。不同品种的产品在同一条生产线上生产时，应经充分的安全风险分析（包括但不限于食物蛋白过敏风险），制定有效清洁措施且经有效验证，防止交叉污染，确保产品切换不对下一批产品产生影响，并应符合产品批准注册时的相应要求。

钛和食农可为客户提供生产线过敏原残留检测，包括大豆过敏原、乳类过敏原、鱼类过敏原、花生过敏原、坚果过敏原、麸质过敏原、甲壳类过敏原、蛋类过敏原等，助力客户检验产品生产线过敏原残留，以验证其过敏原清除程序有效性。

Article 32 of the Discipline examination rules for the production of permission food for special medical purposes provides that: (10) requirements for co-production and risk control of products shall be formulated. Different varieties of products on the same production line production, have sufficient food safety risk analysis (including but not limited to food protein allergy risk), make effective cleaning measures and the effective verification, to prevent cross contamination, ensure that the product switch not affect the next batch of products, and shall comply with the corresponding requirement of the product approval of registration.
TiGroup Food & Agriculture Service can provide customers with production line allergen residue detection, including soybean allergen, milk allergen, egg allergen, etc., to help customers test product line allergen residue, to verify the effectiveness of their allergen removal procedures.

大豆过敏原
Soy allergens

乳类过敏原
dairy allergens

鱼类过敏原
fish allergens

花生过敏原
peanut allergens

坚果过敏原
nut allergens

麸质过敏原
gluten Allergens

甲壳类过敏原
crustacean allergens

蛋类过敏原
egg allergens



婴幼儿配方食品

Infant Formula

依据《食品安全法》和《婴幼儿配方乳粉产品配方注册管理办法》，婴幼儿配方乳粉对配方实施注册管理。为助力婴幼儿配方食品行业发展，钛和食农可以提供以下服务。

According to the Food Safety Law and the Measures for the Registration and Administration of Infant Formula Milk Powder Products, infant formula milk powder shall be registered and administrated. To assist the development of infant formula food industry, TiGroup Food & Agriculture Service can provide the following services.

产品稳定性测试

Product Stability Test

依据《婴幼儿配方乳粉产品稳定性研究指南（试行）》，钛和食农为客户提供专业的稳定性试验研究，制定合理科学的稳定性测试方案、对测试数据进行分析并出具报告。

According to Infant Formula Milk Powder Product Stability Study Guide (Trial), TiGroup Food & Agriculture Service provide customers with professional stability test research, develop reasonable and scientific stability test program, test data analysis and issue reports.

测试类型 Type of Test	测试项目 Test Item	测试时间 Test Time	测试节点 Test Node
加速试验 Accelerated test	食品安全国家标准（含标签标识要求）的全部项目作为试验项目，可选取在产品保质期内易于变化、可能影响产品质量、安全性、营养充足性的项目作为重点试验项目，重点试验项目至少包括附录中的项目。	产品保质期的四分之一，且不得少于3个月 One fourth of the shelf life of the product, and not less than 3 months	如6个月的加速试验，时间点至少包括试验开始和结束时，中间不少于2个时间点，每个时间点间隔不少于1个月。 For example, for the six month acceleration test, the time point shall include at least the beginning and end of the test, with no less than two time points in between, and the interval of each time point shall be no less than one month.
长期试验 Long-term test	All items of national food safety standards (including labeling requirements) shall be selected as test items, and items that are easy to change during the shelf life of products and may affect product quality, safety and nutritional adequacy shall be selected as key test items, including at least the items in the appendix of the document.	与产品保质期一致 Consistent with product shelf life	第一年每3个月末一次，第二年每6个月末一次，第3年每年一次 Once every six months in the second year and once every year in the third year (including 0 and end month of storage period)

产品全项目测试

Product Full Items Test

钛和食农可提供国家强制性标准的全项目测试报告，同时可以按照企业自主制定的企业标准要求进行产品全项目测试。

《产品技术要求/客户企业标准文件》

《GB 10765 食品安全国家标准 婴儿配方食品》

《GB 10766 食品安全国家标准 较大婴儿配方食品》

《GB 10767 食品安全国家标准 幼儿配方食品》

TiGroup Food & Agriculture Service can provide the national mandatory standards of the whole item test report, at the same time, we carry out the whole items inspection of the product according to the enterprise standard requirements.
Product Technical Requirements/Customer Enterprise Standard Document
GB 10765 National food safety standard Infant Formula Food
GB 10766 National food safety standard large infant Formula Food
GB 10767 National food safety standard Infant Formula Food

方法学验证

Methodology Validation

婴幼儿配方乳粉产品配方注册申请材料项目与要求（试行）（2017修订版）》中规定，项目的检测方法应符合GB 10765和GB 10767及相关国家标准的规定，国家标准未规定的，申请人应提交检测方法与方法学研究及验证材料。钛和食农对检测方法的研究有着丰富的经验，可为婴幼儿配方食品客户提供国家标准未规定检测方法的项目的方法学研究报告，内容包括检出限、精密度、准确度、线性范围、专属性、耐用性等，研究报告参照GB/T 27417、GB/T 27404、GB/T 5009.1等相关文件。

According to infant Formula Milk Powder Product Formula Registration Application Materials Project and Requirements (Trial) (2017 Revision), the test method of the project should comply with GB 10765 and GB 10767 and relevant national standards. If the national standards are not specified, the applicant should submit the test method and methodology research and verification materials.
Ti Food & Agriculture Division are fully experienced in the research of detection methods, and can provide customers of infant formula with methodological research reports of items that are not specified in national standards for detection methods, including detection limit, precision, accuracy, linear range, etc. The research report refers to GB/T 27417, GB/T 27404, GB/T 5009.1 and other relevant documents.

产品标签审核

Product Label Audit

钛和食农专业的标签审核团队，拥有10年以上标签审核经验，可提供婴幼儿配方食品标签相关的咨询、审核、培训服务，确保标签内容符合法规要求，帮助企业掌握婴幼儿配方食品标签的基本内容。

《GB 13432 食品安全国家标准 预包装特殊膳食食品标签》

《GB 7718 食品安全国家标准 预包装食品标签通则》

其他有关特殊食品标签标识的公告及其它相关文件

Our professional label audit team, with more than 10 years of label audit experience, can provide consulting, audit and training services related to infant formula food label, ensure that the label content meets the requirements of laws and regulations, and help enterprises master the basic content of infant formula food label.
GB 13432 National food safety standard Pre-packaged Special Dietary Food Labels
GB 7718 National food safety standard General Rules for Pre-packaged Food Labels
Other announcements and other relevant documents relating to special food labelling

运动营养食品

Sports Nutrition Food

运动营养食品生产许可类别为特殊膳食食用食品,类别编号为3003,类别名称为其他特殊膳食食品(补充能量类、控制能量类、补充蛋白质类、速度力量类、耐力类、运动后恢复类),为助力运动营养食品行业发展,钛和食农可以提供以下服务。

The license category of sports nutrition food production is special dietary food, the category number is 3003, and the category name is other special dietary food (energy supplement, energy control, protein supplement, speed strength, endurance, post-exercise recovery). In order to help the development of sports nutrition food industry, TiGroup Food & Agriculture can provide the following services.

/ 产品全项目测试 Product Stability Test

钛和食农可提供国家强制性标准的全项目检测报告,同时可以按照企业自主制定的企业标准要求进行产品全项目检测。

《GB 24154 食品安全国家标准 运动营养食品通则》

《产品技术要求/客户企业标准文件》

TiGroup Food & Agriculture can provide the full project test report of the national mandatory standards, and can carry out the full project test of products in accordance with the requirements of the enterprise standards independently formulated by the enterprise.
GB 24154 National Food Safety Standard General Rules for Sports Nutrition Food
Product Technical Requirements/Customer Enterprise Standard Document

/ 产品稳定性和均匀性验证 Product Stability and Uniformity Verification

根据各省份发布的生产许可细则,生产企业应当建立产品配方管理制度,对产品配方中营养素的“**稳定性**”、“**均匀性**”进行跟踪评价并提供相应评价报告。

钛和食农可根据产品的期望保质期提供产品的稳定性测试服务,并对产品的均匀性进行验证测试及分析,帮助企业对产品质量进行把控。

According to the production licensing rules issued by each province, the production enterprise shall establish a product formula management system, track and evaluate the "stability" and "uniformity" of nutrients in the product formula and provide the corresponding evaluation report.
TiGroup Food & Agriculture can provide product stability testing services according to the expected shelf life of products, and carry out verification testing and analysis of product uniformity, to help enterprises to control product quality.

/ 产品标签审核 Product Full Items Test

钛和食农专业的标签审核团队,拥有10年以上标签审核经验,可提供运动营养食品标签相关的咨询、审核、培训服务,确保标签内容符合法规要求,帮助企业掌握运动营养食品标签的基本内容。

《GB 13432 食品安全国家标准 预包装特殊膳食食用食品标签》

《GB 7718 食品安全国家标准 预包装食品标签通则》

其他有关特殊食品标签标识的公告及其它相关文件

The professional label audit team of TiGroup Food & Agriculture has more than 10 years of label audit experience, which can provide consultation, audit and training services related to infant formula food labels, ensure that the label content meets the regulatory requirements, and help enterprises master the basic content of infant formula food labels.
GB 13432 National Food Safety Standard Pre-Packaged Food Label for Special Meals
GB 7718 National Food Safety Standard Pre-packaged Food Labeling General Rules
Other announcements on special food labels and other relevant documents

其他特殊膳食食用食品

Other Special Dietary Foods

目前,除婴幼儿配方奶粉和特殊医学用途配方食品外,婴幼儿辅助食品、辅助营养补充品等其他特殊膳食食用食品没有产品注册的要求,在省级市场监管部门通过审批即可。为助力其他特殊膳食食品行业发展,钛和食农可以提供以下服务。

At present, except for infant formula milk powder and food for special medical purposes, infant supplementary food, sports nutritional food, nutrition supplement and other special dietary products do not have product registration requirements, they can be approved by provincial market regulatory authorities. To assist the development of other special dietary food industry, TiGroup Food & Agriculture Service can provide the following services.

/ 产品全项目测试 Product Full Item Test

钛和食农可提供国家强制性标准的全项目测试报告,同时可以按照企业自主制定的企业标准要求进行产品全项目测试。

《产品技术要求/客户企业标准文件》

《GB 10769 食品安全国家标准 婴幼儿谷类辅助食品》

《GB 10770 食品安全国家标准 婴幼儿罐装辅助食品》

《GB 22570 食品安全国家标准 辅食营养补充品》

《GB 31601 食品安全国家标准 孕妇及乳母营养补充食品》

TiGroup Food & Agriculture Service can provide the national mandatory standards of the whole items test report, at the same time, we carry out the whole project inspection of the product according to the enterprise standard requirements.
Product Technical Requirements/Customer Enterprise Standard Document
GB 10769 National food safety standard Cereal-based complementary foods for infants and young children
GB 10770 National food safety standard Canned complementary foods for infants and young children
GB 22570 National food safety standard Complementary Food Nutrition Supplements
GB 31601 National food safety standard Nutritional Supplements for Pregnant Women and nursing Mothers

/ 产品标签审核 Product Label Audit

钛和食农专业的标签审核团队,拥有10年以上标签审核经验,可提供其他特殊膳食食用食品标签相关的咨询、审核、培训服务,确保标签内容符合法规要求,帮助企业掌握其他特殊膳食食用食品标签的基本内容。

《GB 13432 食品安全国家标准 预包装特殊膳食食用食品标签》

《GB 7718 食品安全国家标准 预包装食品标签通则》

其他有关其他特殊膳食食用食品标签标识的公告及其它相关文件

Our professional label audit team, with more than 10 years of label audit experience, can provide consulting, audit and training services related to other special dietary foods labels to ensure that the label content meets the requirements of laws and regulations, and help enterprises master the basic content of other special dietary foods labels.
GB 13432 National food safety standard Pre-packaged Special dietary Food Labels
GB 7718 National food safety standard General Rules for Pre-packaged Food Labels
Other announcements and other relevant documents relating to Other special dietary foods labelling

其他技术服务

Other Technical Services

原料质量控制

Raw Material Quality Control

中药材、植物提取物、维生素矿物质预混料
Chinese medicinal materials, plant extracts,
vitamin mineral premix



包装材料测试

Packaging Material Test

物理测试、化学测试、可降解测试
Physical test, chemical test, degradation test



审核认证服务

Audit and Certification Service

体系认证、工厂审核、供应商审核
System certification, factory audit, supplier audit



培训服务

Training Service

标准法规培训、体系培训、检验员实操培训
Standard and regulation training, system training, inspector
practical operation training



水质测试

Water Quality Test

纯化水、生产用水、排污水
Purified water, production used water, sewage



洁净室监测

Clean Room Monitoring

噪声、温湿度、压差、悬浮粒子、沉降菌等
Noise, temperature and humidity, differential pressure,
suspended particles, sedimentation bacteria, etc.



实验室建设支持

Laboratory Construction Support

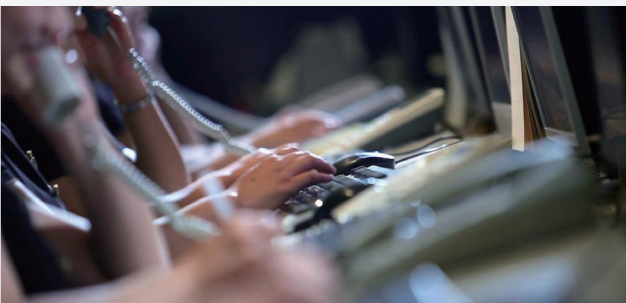
布局设计指导、能力建设支持、
仪器校准服务
Layout design guidance, capacity building support,
instrument calibration service



合规咨询服务

Compliance Consulting Services

标签合规设计、原料合规性咨询、
注册&备案咨询
Label compliance design, raw material compliance consulting,
registration & filing consulting



公司分布

Company Distribution

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