

# 森诺餐厨用具测试

## SENNOR Dishware and Kitchenware Testing



SENNOR Laboratory provided professional, fast and efficient testing services for you

## 森诺实验室为您提供专业、快捷、高效的检测服务

森诺餐厨用具检测实验室目前拥有国内最先进的餐厨用具测试仪器，是目前国内拥有最齐全的餐厨用具测试仪器实验室。凭借在餐厨用具测试领域多年的丰富经验，森诺深刻理解并满足客户的需要，拥有针对餐厨用具测试所要求的专业测试设备和技术团队，精心致力于为客户提供科学、专业、个性的解决方案，以满足中国、美国、英国、澳洲、德国、加拿大、欧盟、日本等不同国家和地区的测试标准要求。

SENNOR dishware and kitchenware product laboratory is the most advanced and well-equipped dishware and kitchenware product testing facility in china. With years' experience and expertise, SENNOR meets the client's requirement well. SENNOR have the special test equipment and technical dishware and kitchenware product team, SENNOR provides scientific, professional, personality solution to satisfy all different test standard requirement from china, USA, United Kingdom, Australia, German, Canada, EU, Japan, etc.

目前，森诺以中国深圳为中心，在广东、东莞、香港等地设有分支机构，建有大型实验室，占地面积将近 10000m<sup>2</sup>，拥有一支高素质的技术和服务团队，涉及玩具、婴童童、电子电气、纺织品、鞋类、眼镜、箱包、餐厨具、饰品及家具等领域的优秀人才 100 多人，为森诺构筑全球性的服务网络奠定了坚实基础。

With headquarters at Shenzhen, SENNOR has set up branches at Guangdong, Dongguan, and Hong Kong. The total size of SENNOR laboratories has reached to 10000m<sup>2</sup>. Now, SENNOR can better serve global customers by its 100 qualified technicians and CS team which are covered in toys, Juvenile, electrical and electronic, textiles, footwear, eyewear, luggage and handbags, dinnerware and kitchenware, decorations and furniture areas.

森诺实验室符合 ISO/IEC 17025 的要求，经过数年来的发展，森诺已经成为中国最大的综合性实验室。

SENNOR laboratory complies with ISO/IEC 17025 requirements and turns to be one of the leading comprehensive laboratories in China.



**The authorization of SENNOR**
**森诺的授权**

森诺实验室获得了中国合格评定国家认可委员会(CNAS)认可。CNAS 同多达十四个国家经济或标准组织合作，并与国际认可论坛(IAF)，太平洋认可合作组织(PAC)，国际实验室认可合作组织(ILAC)和亚太实验室认可合作组织(APLAC)签署互认协议。在全球范围内获得广泛认可。

森诺实验室获得了广东省质量技术监督局(CMA)的认可。

获得美国消费品安全委员会(CPSC)列名实验室。

SENNOR lab has been recognized by China National Accreditation Service for Conformity Assessment. CNAS has cooperation with at less 14 international economic organizations, or standard organizations and signed the mutual recognition agreements with International Accreditation Forum (IAF), Pacific Accreditation Cooperation (PAC), International Laboratory Accreditation Cooperation (ILAC) and Asia Pacific Laboratory Accreditation Cooperation (APLAC), so it can be recognized in a global context.

SENNOR lab has been recognized by China Metrology Accreditation.

SENNOR is also the member of laboratories of American Consumer Product Safety Committee (CPSC) List.



# Mission & Vision

## 使命 與 願景

### 我们的使命

#### Our Mission:

为我们的客户提供科学、准确和优质的服务促进提升餐厨行业的质量和 product 安全意识

To provide our customers scientific, accurate and excellent services.

To promote and enhance product quality and safety awareness in

Dishware and Kitchenware industries.

### 我们的愿景

#### Our Vision

成为最具专业和公信力的检测、检验和审核的提供者，服务于全球客户和产业。

To be the most preferable professional and credible testing, as well as

inspection and audit services provider to

serve worldwide customers in industries and communities.



# 业务范围

## Business Scope

产品类别	
餐具	刀、叉、碗、筷、勺、杯等
厨具	炉子、烘箱、锅、铲、砧板、不锈钢厨房用具等
食品包装容器	密封罐，酒瓶，饭盒等
保温产品	热水壶、保温杯等
Product Category	
Dinnerware	Knife and Fork, Bowl, Chopsticks, Spoon, Cup;
Kitchenware	Stove, Oven; Boiler, Shovel, Chopping Block, Stainless Kitchenware;
Food Container	Airtight Canister, Wine bottle, Mess Tin;
Heat Preservation	Thermos, Vacuum Cup;



食品容器和厨房用品与人们日常生活息息相关，由食品容器和餐厨具等食品接触材料 ( Food Contact Materials , FCM ) 导致的食品安全问题引起了社会各界的关注。一些食品接触材料中可能含有对人体有害的化学物质，在特定的条件下转移到食品中去。因此，中国、欧盟、美国、日本等各国都颁布了严格的食品卫生法律法规予以控制。

森诺作为一家专业的第三方检测机构，拥有先进的设备、经验丰富的专业团队和完整高效的检测流程，对餐厨具安全标准有着深入理解，可以为您提供一站式服务，确保您的产品符合进口国和地区的产品法规要求！

Food contact materials are contacted with our daily life in every aspect; the safety issue caused by food contact materials arouses wide public concern. When these materials come in contact with food, there is the possibility of the chemical substances migrating from the food contact material to the food, which could be potentially harmful to human health. Many countries have implemented food contact regulations to ensure food safety. Companies must ensure their products comply with the applicable food contact regulations to keep their products on the market.

As a professional third party testing laboratory, SENNOR possessed advanced equipment, rich experienced professional team and high-efficient testing procedure, we are dedicated to provide one-stop service to ensure your products are compliant with global regulations.



# 测试标准/法规

## Testing Standard

中国 China	GB/T 15067.2 GB/T 3532 GB 17762 QB/T 2174 GB 31603 GB 31604.1	<p>森诺提供卓越的客户服务，包括根据各国标准提供餐厨产品检测检验、企业社会责任及质量管理体系审核、产品认证、产品合格咨询以及根据您的需要或要求量身定制检测、检验及审核方法和最佳操作规范。</p> <p>SENNOR provide excellence customer services including Dishware and Kitchenware testing and inspection services according to complied with various international standards, quality management system and corporate social responsibility, product compliance consultation, customized testing and inspection services, product certification and the best operation standards to fit your needs and requirements.</p>
美国 USA	FDA NSF/ANSI 51 CPG 7117.05/06/07	
欧盟 EU	(EC) No 1935/2004 (EU) No 10/2011 84/500/EEC、2005/31/EC	
法国 France	DGCCRF 2004-64	
德国 Germany	LFGB BFR Recommendation DIN 10955 DIN 51032	
意大利 Italy	Decree of the Ministry of Health 21-3-1973	
日本 Japan	JFSL 370	
韩国 Korea	KFDA	



# 刀叉具和餐具

## Cutlery and Tableware



测试范围 Product	欧洲标准 EU standards	中国标准 GB Standards
不锈钢餐桌上餐具 Stainless steel tableware	EN ISO 8442-2	GB/T 15067.2
非金属手柄餐桌上餐具 Non-metal handle tableware	BS 5577	----
准备食物用餐具 Preparing dinner set	EN ISO 8442-1	----





# 炊具和烤箱

## *Cookware and bake ware*



测试范围 Product	欧洲标准 EU standards	中国标准 GB Standards	美国标准 US Standards
炉子 Stove	EN 12893-1	QB/T 1957 QB/T 1622.5 QB/T 1622.6 QB/T 3648	Cookware Manufacturers Association
烘箱 oven	EN 13834	-----	Cookware Manufacturers Association



# 陶瓷玻璃器皿

## Ceramic ware and Glass ware



### 测试要求 Testing Requirements:

产品类型 Type of Product	主要测试 Major Testing Items	检测标准 Relevant Standards
陶瓷玻璃器皿 Ceramic ware and Glass ware	微波炉安全 Microwave Safe	BS EN 15284 ASTM C 1607
	洗碗机安全 Dishwasher Safe	EN 12875-1 EN12875-4
	热冲击 Thermal Shock	ASTM C554 BS EN 1183 BS EN13258
	吸水率 Moisture Absorption	BS EN 1217 ASTM C373
	抗冲击性 Impact Resistance	BS EN 12980 ASTM C368



## 有毒有害物质测试服务

### *Hazardous Substances Testing Service*



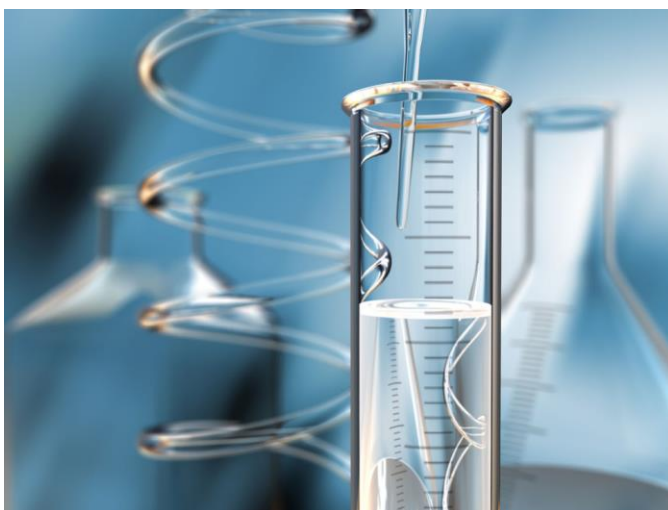
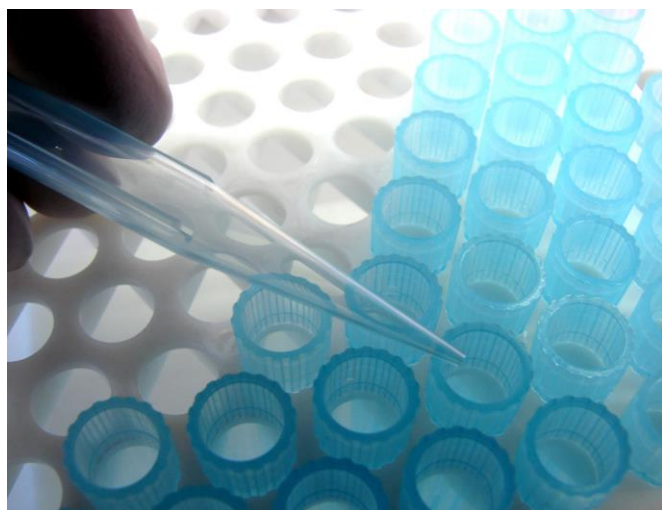
人们在追求先进和时尚的同事也更加注重安全和健康，有毒有害物质日渐受到人们的关注。世界各国和地区也纷纷提出相关的标准法规来对各种工业产品和消费品进行管控。森诺拥有精准的设备 and 经验丰富的专业团队，能提供有毒有害物质全球性解决方案及咨询服务，协助您理解如何使您的产品符合不同国家地区的标准和法规要求，让您在国际市场上赢得竞争优势，确保您的产品能顺利出口或内销。

People in the pursuit of advanced and stylish living pay more attention to safety and health, toxic and hazardous substance. Many countries and cities worldwide constantly decree relevant regulations to monitor various industrial and consumer products. SENNOR is well equipped with precise equipment, experienced and professional team to offer comprehensive testing solutions and consultancy services to help customers to have product compliances different standards and directives. PEL shall help customers gain competitive advantages in the international market so that their products can be profitable in both export and domestic markets.



## 测试要求 Testing Requirements:

序号 Number	有毒有害物质名称 Name of Toxic and Harmful Substances	法规/指令 Law/Regulations	主要管控对象/可能存在形式 Targeted Control Objects / Possible Existence
1	总镉 Total Cadmium	REACH ANNEX 17, CA Prop 65	金属/ 塑料制品、焊线、焊膏等。 Metal/Plastic Products, Wire, Solder Paste, etc.
2	总铅 Total Lead	CPSIA, CA Prop 65, REACH	油漆、涂层、金属/ 塑料制品、皮革、染料等。 Paint, Coating, Metal/Plastic Products, Leather, Dye, etc.
3	邻苯二甲酸酯 Phthalates	REACH , CPSIA, CA Prop 65	塑料制品、橡胶、聚合物等。 Plastic, Rubber, Polymer, etc.
4	多环芳烃 PAHs	REACH ANNEX 17	染料、塑料、橡胶、润滑油等。 Dye, Plastic, Rubbers, Lubricants, etc.
5	SVHC	REACH	所有在欧盟销售的产品。 All Products Sold in European Union
6	更多 More		
...			



## 产品合规咨询

### *Product Compliance Consultation*

全球经济竞争不断加剧，节省成本、缩短开发周期是企业在竞争中脱颖而出的重要方式。森诺可以帮助您处理全球餐厨具市场从概念到成品的合规认可方案，使您可以以最少的资源（如金钱和时间）赢得市场。

Under the increasing competition of global economy, minimized cost and shortened development cycle help companies standing out in this competitive market. SENNOR is capable of proposing product compliance consultation scheme for global dishware and kitchenware markets, even for dishware and kitchenware product manufacture from concepts to finished products. Thus, customers are able to capture the target markets with minimal resources (e.g. time and cost).

森诺提供以下咨询服务

SENNOR provides the following Product Compliance Consultancy Services:

产品设计

Product design advice

产品合规试验安排

Product regulatory testing scheduling

概念拟定以选择合适的标准

Standard selection from product development stage

对全新、翻新的和改良产品的合格认可程序

Regulatory authorization process for new, redefined or modified products

对产品市场，目标市场准入规范及成本控制等持续性的合规项目。

Maintenance of compliance issues and standards of product markets, target markets and cost reduction issues.



# 量身定制检测方法

## Customized Test Methods



十年来一直专注于餐厨产品的检测，森诺积累了丰富的经验，并开发了一系列行业认可的检测方法。森诺也可以根据您的要求量身定制检测方法，在研发、设计、生产制造等诸多环节确保您的产品质量。

As SENNOR has been focusing on Dishware and Kitchen ware product testing service for over 10 years, has developed a series of Dishware and Kitchen ware industrial test methods. SENNOR is capable of offering customized test methods to fit customer's product needs / requirements from development, design and production, etc.



# 检验服务

## Inspection Service

随着社会的飞速发展，精明的消费者在购买产品时，除了关注价格以外，也会考虑商品的安全性、耐用度、准确性以及对环境的影响。制造商要追求优良的质量，便需要在产品生命周期内执行全面的质量管理及检验计划，实施持续有效的监测和控制。

Along with the developed society, consumers not only pay attention to product price but also consider product safety, durability, precision and the environmental impact of the products. In the production lifecycle, pursuing perfect quality needs total quality management and overall testing program with sustainable supervision and effective control.

森诺检验人员均获中国出入境检验检疫协会颁发的专业资格证书，并凭借多年丰富的检验经验为顾客提供迅速而准确的检验服务。

SENNOR offers a comprehensive inspection service along the supply chain. PEL has a crew of inspectors qualified by China Entry-Exit Inspection and Quarantine Association with much inspection experiences to provide reliable and prompt inspection services for customers.



### 中国深圳

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