



**SCAS** Sumika Chemical  
Analysis Service

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Analysis Service  
<https://www.scas.co.jp/>

2023. 4



Sumika Chemical Analysis Service, Ltd.



# Technologies of SCAS support the future

Who ensures the safety of our daily life where we spend so calmly?

The technologies of SCAS play important roles in various fields in daily life.

SCAS predicts the future of these continuously evolving times to support the foundations of future safety.

## Management Philosophy

1 We continually create new value on the basis of customer requirements, with analytical technology and its related solutions as a platform for our business.

2 We contribute to sustainable development of society by providing useful products and services.

3 We continue to grow as a company trusted by our customers and society while placing importance on our human resources and developing a vibrant corporate culture.

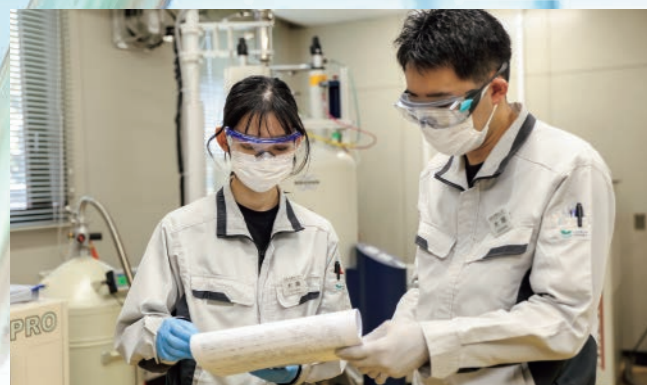
## Corporate Slogan

Analysis is at the core of all developments made by modern civilization.

Utilizing our state-of-the-art analytical technology, we will contribute to the creation of a bright future for both individuals and society as a whole.



SCAS provides highly reliable data that meets your needs at all stages from research and development through post -approval and sales in the pharmaceutical industry



### Comprehensive services with the full advantages of our analytical technology

SCAS, with analytical technology as its core technology, has big advantages in its analytical capabilities accumulated over many years. These advantages are used efficiently and effectively in the pharmaceutical sector. By leveraging a wide range of technologies from those for the measurement of drug concentration in biological samples, quality and stability tests, trace metal analysis, and microbial analysis, to technologies for even various kinds of bioassay analysis, SCAS provides comprehensive services that precisely meet the diverse needs of our customers.

### Complying with regulations and guidelines

SCAS complies with Japanese and overseas regulations such as GMP and reliability standards as well as guidelines such as ICH. SCAS has earned enormous trust from customers with output that conforms to the concepts of regulatory science which claims that quality, safety, effectiveness, and other matters are guaranteed by prediction, evaluation, and judgement on the basis of the scientific method.

### Assessment of drug substance and drug product quality

- ※Compliance with Japanese and overseas regulations such as GMP and reliability standards as well as guidelines such as ICH
- Quality tests (including bioassays)
  - Method development and analytical method validation.
- Stability tests
  - Stress test, accelerated test, and long-term storage test
- Structural analysis and identification of active substances, impurities, and degradation products (elemental analysis, MS, NMR, IR, UV-Vis, etc.)
- Characterization of impurities
  - Residual solvents, elemental impurities, genotoxic impurities, extractables and leachables, etc.
- Evaluation of a variety of physical and chemical properties
  - XRD, particle size distribution, zeta potential, etc.
- Microbiological tests
  - Sterility test, bacterial endotoxins test, microbial limit test, mycoplasma test, etc.
- Chromosome analyses (monoclonality of biopharmaceutical production cells, mapping of transgene, etc.)

### Release test for drug substance and drug products (including investigational new drugs)

### Quality evaluation for regenerative medicines and other products

- Cell evaluations (cell number, cell viability, cell type, protein expression, secretory potency of bioactive substances, differentiation potency, phenotype, proliferation potency, cells exhibiting abnormal growth, etc.)
- Process-related impurities and cell-derived undesirable physiologically active substances
- Safety evaluations (chromosome abnormality, virus, mycoplasma, bacterial endotoxins, sterility (including rapid sterility test), etc.)

### Pharmacokinetic and toxicity assessment

- *in vitro* ADME screening
- *in vitro* Tox screening
- *in vitro* exploratory PK tests
- Measurement of protein and peptide markers
- Cell-based bioassays
- In-tissue analysis of gene expression
- Multicomponent simultaneous determination of endogenous metabolites

### Measurement of drug concentrations in biological samples

- Chemically synthesized and biotechnology-applied pharmaceuticals
  - Serum, plasma, urine, tissue, stratum corneum, etc.
  - Development of analytical methods using various instruments such as those for LC-MS/MS
- Validation of analytical methods
- Biomarker measurement
- Quantitative analysis of metallic components
- TK measurements (in compliance with GLPs) and PK measurements
- Antibody measurements using ECL/surface plasmon resonance biosensors
- Immunoassays using ELISA/ECL
- Analyses of exosomes, CTCs and cfDNAs in liquid biopsy

### Pharmaceutical applications

- Application support for manufacturing and sales approval (Support for preparing CTDs and matters of inquiry from regulatory authorities)
- Support for registration/management of overseas Drug Master Files





SCAS addresses customers' challenges throughout the entire manufacturing process from research and development through production and quality control using our advanced physical/chemical analytical technologies



## Provision of solutions to solve customers' problems

SCAS has had an advantage in the chemical analysis field since it was established and has accumulated unique techniques. SCAS possesses highly advanced pretreatment technologies including sampling techniques that maximize the functions of cutting-edge analysis apparatuses to obtain high-precision data and minimize the risk of contamination. SCAS supports problem-solving for customers in all industries by analyzing/evaluating raw materials/functional materials such as organic matter, metals, and ceramics, as well as leading-edge products.

## Hazard evaluation tests to prevent hazards

SCAS assesses risks to prevent hazards arising from chemical substances on the basis of time-proven measurement techniques and expertise. SCAS handles hazard evaluation tests for various substances covering research and development, manufacturing, storage, transportation, and disposal. This includes runaway reaction tests using an accelerating rate calorimeter (ARC), which assesses the latent risk of substances, Fire Service Act-related tests, tests recommended by the UN, and gas explosion tests.

## Electronics Battery evaluation

Providing technology solutions from ultra-micro evaluation or composition analysis through reliability evaluation

### Evaluation of semiconductor devices

- Composition analysis of device surfaces (surface analysis)
- Observation and structural analysis for microscopic parts (Cross-sectional structural analysis)
- Qualitative and quantitative analyses of thin films (Surface analysis and depth direction analysis)
- Device defect analysis and foreign matter analysis

### Cleanliness analysis of manufacturing environment

- Evaluation of clean room air
- Cleanliness analysis of components and outgassing test
- Evaluation of filter performance
- Mini-environment evaluation
- Vacuum outgassing test
- Process contamination evaluation

### Evaluation of electronic components and products

- Deterioration analysis of component materials
- Outgassing evaluation for products and components
- Reliability evaluation tests (Gas corrosion, weather resistance, chemical resistance)
- Evaluation of home appliances

### Evaluation of materials for electronics industry

- Process materials analysis (chemicals, resists, gases, etc.)
- Impurity evaluation of high-purity materials (wafers and quartz)
- Evaluation of functional materials (plating solutions and abrasives)

### Evaluation of organic electronics

- Analysis of organic EL devices (composition analysis and structural analysis)
- Device defect analysis (foreign matter analysis and factor analysis)
- Manufacturing process contamination evaluation
- Analysis of organic thin films (orientation, crystallinity, etc.)
- Flexible-material evaluation (substrates and inks)
- Barrier material analysis (sealing materials, barrier films, etc.)

### Automotive electronics evaluation

- Reliability assessment (salt spray, weather resistance, and gaseous corrosion)
- Failure analysis (power devices and so on)
- Evaluation of MEMS/sensor-related components

### Lithium-ion/solid-state battery evaluation

- Dispersibility evaluation of electrode binders
- Observation of element distribution at active material interfaces

- Composition analysis of electrolytes
- Diffusion property evaluation of electrolyte ions
- Analysis of gas generated by charging and discharging
- Real-time reaction observation inside cells

### Evaluation of fuel cells and hydrogen cells

- Particle diameter analysis of supported metals
- Evaluation of ionomer distribution
- MEA structural analysis
- Moisture adsorption characteristic analysis
- Gas permeability evaluation
- Durability evaluation of materials/parts
- Quality control evaluation of hydrogen gas

### Evaluation of solar cells

- Analysis of composition and structure of organic solar cells
- Deterioration analysis of modules and components
- High-temperature water vapor permeability measurement

### Energy resource/biomass evaluation

- Composition/impurity analysis of light oil and gasoline
- Analysis of lubricating oil
- Compositional analysis of liquefied petroleum gas
- Bioethanol analysis

## Material analysis Hazard assessment

Support at various stages ranging from evaluation/analysis of raw materials/products through support of research and development by leveraging comprehensive technology in analytical chemistry

### Analysis of chemical composition and structure

- Analysis of foreign matter and surface contamination
- Elemental analysis (CHN and halogen)
- Trace metal analysis (ICP-AES and ICP-MS)
- Ion analysis (IC and CE)
- Chromatographic analysis (GC and LC)
- Mass analysis and molecular mass analysis (MS and GPC)
- Structural analysis (NMR, IR, X-ray diffraction)
- Analysis of additive agents and impurities Polymer deterioration evaluation

### Physical property tests

- Gas permeability tests (water vapor and oxygen)
- Dispersibility evaluation of fine particles
- Particle size distribution, viscosity, density, and surface tension
- Hydrophilicity evaluation (water vapor adsorption)
- Thermal analysis (TG/DTA, DSC, and TMA)
- Static electricity (dielectric constant and volume resistivity)
- Thermal conductance measurement

### SUMIGRAPH (nitrogen, carbon, and hydrogen analyzer with oxygen circulating combustion system)

- Large capacity apparatus for measuring total nitrogen (protein) and total carbon (NC-TRINITY)
- Apparatus for measuring total nitrogen and total carbon (NC-TR22)
- Apparatus for measuring total nitrogen, total carbon, and total hydrogen (NCH-22)
- Apparatus for measuring total nitrogen, total carbon and total hydrogen (NCH-Ci)



### Composite material evaluation

- CFRP evaluation
- Adherent surface evaluation
- Bonded interface evaluation

### Catalyst evaluation

- Surface area and pore size distribution evaluation
- Metal surface area measurement
- Solid acid and base evaluation
- Gas adsorption/desorption/reaction measurement (TPD and TPR)
- In situ measurement
- Evaluation of particle diameter and oxidation state (TEM and XPS)

### HPLC columns

- SUMICHIRAL columns for separation of optical isomers
- High-performance ODS columns, SUMIPAX
- Guard filters, SUMIPAX filters

### Outgassing analysis

- Evaluation of odors
- Analysis of outgassing from automotive components and building materials
- Gas analysis in vacuum
- Combustion product gas analysis
- Thermal desorption spectroscopy (TG-MS and TDS)

### Hazard evaluation tests

- Tests based on the Fire Service Act in Japan
- Tests based on UN recommendations
- Dust explosion and gas explosion tests
- Accelerating rate calorimetry (ARC)
- Spontaneous ignition test (SIT)
- Reaction heat measurement (C80)
- Drills to experience hazards

### Contract synthesis

- Synthesis of analytical standard products and intermediates



# Environment, Health and Safety

SCAS contributes to achieving a healthy and safe life and a better global environment, by using our abundant experience and highly reliable analysis and evaluation technologies



## Contributing with highly reliable analytical technology in every aspect of health care and the environment

SCAS contributes to society with our wide range of experience and highly reliable analytical technology in order to secure a healthy and affluent life in every aspect of medical care, food, cosmetics, living environments, and the global environment. SCAS provides comprehensive support for medical instruments, food and cosmetics ranging from analysis at the initial stages of research through application. SCAS also conducts environmental analysis of water, air, soil, and other parts of the environment, and contributes to pollution control and cleanup as well.

## Strategic partner when applying for registration of chemicals

The regulation of chemical substances is becoming stricter worldwide, such as the European REACH regulation. SCAS supports customers' global development by providing consulting services on applications for the registration of chemical substances and associated follow-ups about regulatory matters after registration. SCAS supports applications in more than 10 nations/regions (including Japan) with our one-stop service leveraging our overseas bases in Belgium, China, and South Korea.

## Health care and environment

Contributing to the protection of a healthy and affluent life and a sustainable society, with our abundant experience and highly reliable analysis technologies

### Medical devices/ medical supplies

- Tests for applications/notifications and research/development
- Chemical characterization
- Physico-chemical, morphological and topographical characterization
- Biological safety testing
- Mechanical tests
- Surface property evaluation and morphology observation
- Insoluble particulate matter test
- Stability test
- Support for the preparation of Approval /Certification (Risk assessment, Overseas master file registration / management, PMDA consultation support, STEDs preparation support, etc.)

### Cosmetics and Food

- Evaluation of hair care and skin care products (Investigation of the relationship between physical properties and surface conditions, Evaluation of tactile impression, Kansei evaluation, etc.)
- Analysis of biological samples (blood, urine, hair)
- Analysis of Foods with Function Claims and Foods for Specified Health Uses
- Hazard evaluation tests, Biological safety tests and SDS related tests of Products/Raw Materials
- Standard tests (Japanese Pharmacopoeia, standard methods of analysis in food safety regulation, Storage stability test, etc.)
- Quantitative analysis of Products/Raw Materials (Composition, Impurities, Contaminants and Foreign matter)
- Evaluation of odors/scents (aroma component, offensive odor, body odor and deodorant products)
- Physical property tests (Surface area, pore size distribution and Wetness etc.)
- Agriculture-related analysis (pesticide, fertilizers, feed, soil nutrients) in vitro tests (Caco-2 membrane permeability assay, drug interaction tests)
- Analysis of sanitary products and supplies for the elderly

### Environment

- Investigation of soil and groundwater contamination, reduction and remediation of contamination
- Analysis of displaced soil at construction sites
- Workplace environmental measurements
- Permitted Daily Exposure (PDE)/Occupational Exposure Limit (OEL) derivation
- Environmental risk assessments (SMEPAC)
- Industrial waste measurement
- Environmental assessment



## Chemicals compliance

Contributing to risk management from a global viewpoint as a strategic partner for registration of chemicals

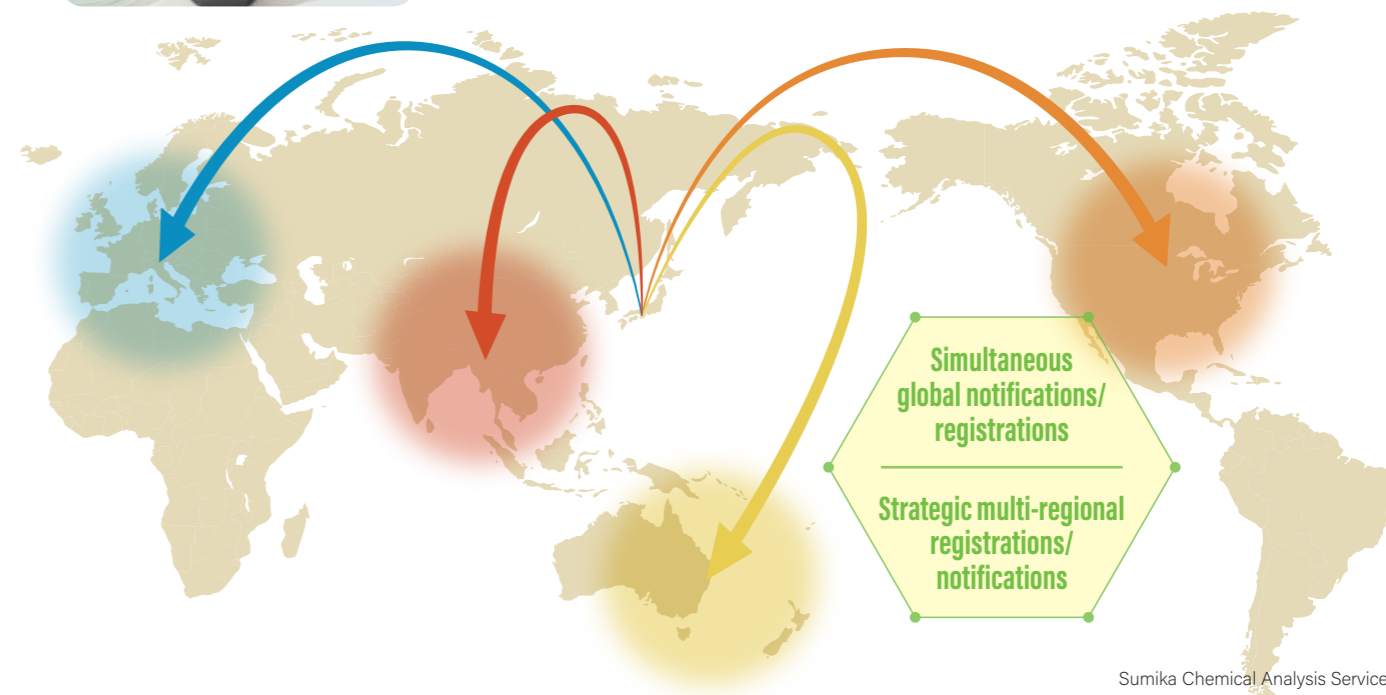
### Registration/notifications in Japan

- Chemical Substances Control Law application
- Industrial Safety and Health Act application
- Law on Securing Quality, Efficacy and Safety of Products Including Pharmaceuticals and Medical Devices (Pharmaceuticals, Medical Devices and Other Therapeutic Products Act) application
- Quasi-drugs, cosmetics, medical devices, etc.
- Agrochemicals Control Law application



### Registration/notifications overseas

- USA (EPA, FDA)
  - New chemical substances (TSCA)
  - Food contact substances
  - Feed additives, veterinary medicines, etc.
- Canada (EC)
  - New chemical substances (CEPA)
- Australia (NICNAS)
  - New chemical substances
- New Zealand (EPA)
  - New chemical substances
- EU (ECHA, ECB)
  - New and existing chemical substances (REACH)
  - Food contact substances
  - Cosmetics, feed additives, etc.
- China (MEP, SAWS)
  - New chemical substances, hazardous chemicals, cosmetics, etc.
- South Korea (MoE, MoEL)
  - New and existing chemical substances (K-REACH)
- Philippines (DENR)
  - New chemical substances
- Turkey (MoEU)
  - New and existing chemical substances
- Taiwan (EPA, MOL)
  - New and existing chemical substances (Taiwan REACH)
- Other services
  - Preparation of SDSs in country-specific format
  - Nanomaterials
  - Risk assessment





# Quality Assurance

## Securing data reliability with a quality system based on global standards

Under our Company-wide Quality Policy, our laboratories and business units are making efforts to improve the level of our quality assurance by conducting quality assurance activities. To ensure the reliability of the data from analytical tests, which is critically important in providing analysis services, as well as the confidentiality of customer information, we have established quality assurance systems based on global standards, such as ISO 9001, ISO/IEC 17025, pharmaceutical Good Laboratory Practices (GLPs), pesticide GLPs, and Good Manufacturing Practices (GMPs).

### ISO9001

In 1995, the Chiba Laboratory became the first entity in the contracted analysis and evaluation service industry in Japan to receive ISO 9001 (quality management systems) certification. Then, the Osaka Laboratory, the Ehime Laboratory, the Tsukuba Laboratory, and the Oita Laboratory received ISO 9001 certification in that order.

### ISO/IEC17025

In 1999, the Chiba Laboratory was accredited by Japan Chemical Laboratory Accreditation (JCLA) as a laboratory conforming to ISO Guide 25 (General Requirements for the Competence of Calibration and Testing Laboratories) with respect to specific tests in the chemistry and environmental science for the first time in the chemical analysis industry in Japan. Now, ISO Guide 25 has been replaced by ISO/IEC 17025 (General Requirements for the Competence of Calibration and Testing Laboratories), and the accreditations granted to the Chiba Laboratory has been converted to ISO/IEC 17025 accreditations accordingly.

### Pharmaceutical GLPs

In July 1998, the Osaka Laboratory was rated as "Compliant" concerning toxicokinetic measurement in a GLP compliance inspection conducted by the Organization for Pharmaceutical Safety and Research (currently named the PMDA). The Laboratory has been continuously rated as "Compliant" in subsequent periodical inspections. In September 2015, contracted histopathological examinations were newly included in the test categories of the PMDA's GLP inspections.

### Pesticide GLPs

In August 2003, the Food Safety and Consumer Affairs Bureau of the Ministry of Agriculture, Forestry and Fisheries confirmed the Osaka Laboratory's compliance with the standards regarding testing laboratories specified in Tests concerning Physical and Chemical Properties. In subsequent periodical inspections, the Laboratory received confirmation of compliance with relevant standards and has been conducting the GLP tests required for the applications for pesticide registration.

### Pharmaceutical GMPs

The full-scale enforcement of the revised Pharmaceutical Affairs Act in April 2005 enabled testing services for medicinal products to be outsourced to external testing institutions. In response to this, the Osaka Laboratory, the Oita Laboratory, and the Yodogawa Laboratory have established a system to conduct entrusted testing concerning the quality of medicinal products that conforms to the legal requirements specified in domestic and overseas GMPs, thereby precisely meeting customer needs.

#### List of business units that have received certification for or confirmation of compliance with quality management systems

- ISO 9001 Quality Management Systems: Chiba Laboratory, Tsukuba Laboratory, Osaka Laboratory, Ehime Laboratory, Oita Laboratory
- ISO/IEC 17025 Standards for Laboratory Accreditation (specified tests): Chiba Laboratory, SCAS SINGAPORE PTE LTD., Sumika Analysis & Evaluation Service (Shanghai) Co, Ltd.
- Pharmaceutical GLPs (Grade A): Osaka Laboratory
- Pesticide GLPs (Compliant): Osaka Laboratory

# Technical Development

## Proactively promoting technological development aiming to provide customers with optimal solutions

We meet diverse customer needs in a finely tuned manner and solve various problems by providing optimal solutions. We proactively promote technological development that pursues analysis techniques in a more expert and more sophisticated manner. We join academic societies and associations associated with a wide range of analysis techniques, as well as proactively presenting papers. Furthermore, we publish a technical journal named SCAS NEWS that presents information on cutting-edge analysis techniques.



# Group Companies

## Global network that expands to many parts of the world

We have a group company specialized in cleaning up soil pollution in Japan and have established bases in Singapore, China (Shanghai), Belgium, South Korea, and Taiwan, thereby strongly promoting our overseas business strategies. In particular, local labs in Singapore, China (Shanghai), and Taiwan provide analytical and testing services.



**Environmental Solution Co., Ltd.**

Under an integrated system, Environmental Solution conducts a solutions business, offering various services ranging from surveys related to soil and groundwater contamination to planning, construction, and consultation related to the decontamination business.

<https://www.envs.co.jp>

**SCASS**

SCAS SINGAPORE PTE LTD

SAC-SINGLAS (Singapore Laboratory Accreditation Scheme) accreditation, granted by the Singapore Accreditation Council, obtained  
Cert No: LA-2005-0333-F  
LA-2005-0334-A

SCASS provides analytical services for electronic materials including HDD-related components and analytical services to support water-related businesses, focusing on the analysis of raw materials and products, development support, and the solution of problems in manufacturing processes in the chemical industry.

<https://www.scass.com.sg/>

**SAES**

Sumika Analysis & Technology (Shanghai) Co.

CNAS (laboratory accreditation based on ISO/IEC 17025) and CMA accreditations and Certificate of Qualification for Institution of Import & Export Commodity Inspection and Survey obtained

SAES provides comprehensive solutions in China through a broad service portfolio including the analysis of chemicals, evaluation of electronic and automotive parts/materials, Evaluation of AMCs in clean room, and applications for the registration of chemicals.

Phone: +86-21-5677-8181 (Japanese available),  
Inquiry E-mail: [marketing@saes-china.cn](mailto:marketing@saes-china.cn)

**SCAS Europe**

SCAS Europe S.A./N.V.

SCAS Europe provides one-stop services such as consultation, surveys of safety information, development of registration strategies, risk evaluation, preparation of various written applications for registrations, applications for registrations, and services for registration maintenance that comply with REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) and other European chemical substance regulations.

<https://www.scas-eu.be/>

**SCAS Korea**

SCAS Korea, Ltd.

SCAS Korea provides a broad range of analysis and evaluation services in South Korea in various industries that pursue a greener society (e.g. electronics, electricity, energy) as well as agency and consultation services that comply with the Korean REACH.

<https://www.scaskorea.co.kr/>

**SCAS Taiwan**

SCAS Taiwan, Ltd.

SCAS Taiwan provides a broad range of analysis and evaluation services in Taiwan in various industries that pursue a greener society (e.g. electronics, electricity, energy).

<https://www.scastaiwan.com.tw/>

Corporate  
Overview

## Sumika Chemical Analysis Service, Ltd.

Head Office [Osaka]	Sumika Fudosan Yokobori Building, 6-17, Koraihashi 4-chome, Chuo-ku, Osaka
Head Office [Tokyo]	Sumitomo Fudosan Hongo Building, 22-5, Hongo 3-chome, Bunkyo-ku, Tokyo
Established	July 1, 1972
Capital	250 million yen
Stock conditions	Number of stockholders: 1 (Sumitomo Chemical Company, Limited)
No. of Employees	1,112 (Mar.2023)
Sales	17,953 million yen (Fiscal year 2022)
Business overview	Analysis and evaluation services in the fields of medicinal products and biotechnological products, industrial products, raw materials, electronic products, and foods

History

- Jul. 1972 Sumika Chemical Analysis Service, Ltd. was established with capital of 2 million yen.
- Jul. 1974 Oita Branch was set up.
- Oct. 1974 Niihama Branch was set up.
- Jul. 1976 Chiba Office was set up.
- Sep. 1986 Capital increased to 100 million yen.
- Apr. 1989 Tsukuba Office was set up.
- Feb. 1993 Name of Office changed to "Laboratory".
- Jul. 1993 Tokyo Office was set up.
- Oct. 1993 Capital increased to 200 million yen.
- Feb. 1995 Pharmaceutical Analysis Laboratory was set up.
- Jul. 1997 Capital increased to 250 million yen.
- Nov. 1997 SCAS SINGAPORE PTE LTD was established (100% SCAS ownership).
- Jul. 2000 Bioscience Research Center was instituted.
- Jul. 2004 Pharmaceutical Business Division was established.
- Apr. 2005 Nagoya Office was set up.
- Nov. 2005 Environmental Solution Co., Ltd. was established (100% SCAS ownership).
- May. 2007 Sumika Analysis & Evaluation Service (Shanghai) Co., Ltd. was established (100% SCAS ownership).
- Oct. 2007 SCAS Europe S.A./N.V. was established (100% SCAS ownership).
- Jun. 2008 Environmental Evaluation Division, Electronics Division, Division for Chemicals, Automobiles, Machinery and other industries, Chemicals Compliance Division, Pharmaceutical Divisions and Technology Innovation Center were established.
- Jul. 2009 Pharmaceutical Analysis Laboratory was reorganized into Pharmaceutical Analysis Osaka Laboratory and Pharmaceutical Analysis Oita Laboratory.
- May. 2011 SCAS-BTT Bioanalysis Co., Ltd. was established.
- Oct. 2012 SCAS Korea, Ltd. was established.
- Mar. 2013 SCAS Taiwan, Ltd. was established.
- Apr. 2014 Utsunomiya Branch was set up.
- Jun. 2015 Due to reorganization, 3 headquarters system (Technology & Innovation Headquarters, Client Service Headquarters and Technical Solution Headquarters) were established.
- Apr. 2018 Five divisions (Environmental Evaluation; Electronics; Pharmaceutical; Chemicals, Automobiles, Machinery and Medical Devices; and Chemical Compliance) were reorganized into three divisions (Pharmaceutical; Materials; and Environment, Health & Safety).  
Technology & Innovation Headquarters was renamed Corporate Management Headquarters.
- Oct. 2018 Shonan Branch, Tokyo Sales Office was set up.
- Oct. 2020 Dissolution of SCAS-BTT Bioanalysis Co., Ltd.
- Apr.&Jul.2022 Three Business Divisions, five Laboratories and five Sales Offices were reorganized into three Business Sectors (Pharmaceutical; Materials; and Environment, Health & Safety).
- Jul. 2023 Integrate Tsukuba Laboratory into Chiba Laboratory.  
Some functions remain as Tsukuba Satellite Lab.



## Head Office

<b>Head Office[Osaka]</b>	Sumika Fudosan Yokobori Building, 6-17, Koraibashi 4-chome, Chuo-ku, Osaka, 541-0043, Japan Tel : 06-6202-1810 Fax : 06-6202-0115
<b>Head Office[Tokyo]</b>	Sumitomo Fudosan Hongo Building, 22-5, Hongo 3-chome, Bunkyo-ku, Tokyo, 113-0033, Japan Tel : 03-5689-1211 Fax : 03-5689-1223

### ■ Osaka Area (address same as Osaka Head Office)

<b>Pharmaceutical Division</b>	Tel : 06-6202-1801 Fax: 06-6202-0005
<b>Materials Division</b>	Tel : 06-6202-1000 Fax: 06-6202-0005
<b>Scientific Instruments Group</b>	Tel : 06-6202-0016 Fax: 06-6202-0005
<b>Column Sales Team</b>	Tel : 06-6466-5243 Fax: 06-6466-5255 (Address same as Osaka Laboratory)
<b>Environment, Health &amp; Safety Division</b>	Tel : 06-6202-1000 Fax: 06-6202-0005
<b>Safety Assessment</b>	Tel : 06-6202-1000 Fax: 06-6202-0005

### ■ Tokyo Area (address same as Tokyo Head Office)

<b>Pharmaceutical Division</b>	Tel : 03-5689-1217 Fax: 03-5689-1222
<b>Materials Division</b>	Tel : 03-5689-1214 Fax: 03-5689-1222
<b>Scientific Instruments Group</b>	Tel : 03-5689-1215 Fax: 03-5689-1222
<b>Environment, Health &amp; Safety Division</b>	
<b>Health care・Environment</b>	Tel : 03-5689-1213 Fax: 03-5689-1221
<b>Chemical Compliance</b>	Tel : 03-5689-1216 Fax: 03-5689-1221
<b>Safety Assessment</b>	Tel : 03-5689-1218 Fax: 03-5689-1221

### ■ Sales Office

<b>Utsunomiya Sales Office</b>	Akane Building, 1-9, Higashishukugo, 3-chome, Utsunomiya, Tochigi, 321-0953, Japan Tel : 028-688-8887 Fax : 028-688-8890
<b>Nagoya Sales Office</b>	NHK Nagoya Broadcasting center Building, 13-3, Higashisakura 1-chome, Higashi-ku, Nagoya, 461-0005, Japan Tel : 052-952-8969 Fax : 052-952-8970
<b>Ehime Sales Office</b>	7-5, Kikumoto-cho 1-chome, Nihama, Ehime, 792-0801, Japan Tel : 0897-32-3411 Fax : 0897-32-9644
<b>Oita Sales Office</b>	2200, Tsurusaki, Oita, 870-0106, Japan Tel : 097-523-1181 Fax : 097-523-1185
<b>Fukuoka Sales Office</b>	Kamiyo Watanabe Building, 12-14, Tenjin 1-chome, Chuo-ku, Fukuoka, 810-0001, Japan Tel : 092-737-5303 Fax : 092-737-5304
<b>Shonan Branch, Shonan Health Innovation Park</b>	26-1, Muraoka-Higashi 2-chome, Fujisawa, Kanagawa 251-8555, Japan Tel : 0466-54-5701 Fax : 0466-54-5702

## Laboratory

<b>Chiba Laboratory</b>	9-1, Kitasode, Sodegaura, Chiba, 299-0266, Japan Tel : 0438-64-2284 Fax : 0438-62-5089
<b>Tsukuba Satellite Lab</b>	6, Kitahara, Tsukuba, Ibaraki, 300-3266, Japan Tel : 029-864-4741 Fax : 029-864-4085
<b>Osaka Laboratory</b>	1-135, Kasugade-Naka 3-chome, Konohana-ku, Osaka, 554-0022, Japan Tel : 06-6466-5247 Fax : 06-6466-5493
<b>Ehime Laboratory</b>	7-5, Kikumoto-cho 1-chome, Nihama, Ehime, 792-0801, Japan Tel : 0897-32-8977 Fax : 0897-32-9644
<b>Oita Laboratory</b>	2200, Tsurusaki, Oita, 870-0106, Japan Tel : 097-523-1182 Fax : 097-523-1185

## Group Companies

### ■ Domestic subsidiary

**Environmental Solution Co., Ltd.**  
Sumitomo Fudosan Hongo Building, 22-5,  
Hongo 3-chome, Bunkyo-ku, Tokyo, 113-0033, Japan  
Tel : 03-5689-1220 Fax : 03-5689-1224  
URL <https://www.envs.co.jp/>

### ■ Overseas subsidiaries

**SCAS SINGAPORE PTE LTD**  
1 Gateway Drive, #09-09 Westgate Tower, Singapore 608531  
Tel : +65-6899-3819 Fax : +65-6899-8013  
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201room, 163, Jiangchang 3rd Road, Jing'an District, Shanghai 200436, China  
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Inquiry E-mail: [marketing@saes-china.cn](mailto:marketing@saes-china.cn)

**SCAS Europe S.A./N.V.**  
Leonardo Da Vincilaan 19A Bus 6, MC-SQUARE Offices,  
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Tel : +32-2-719-0475 Fax : +32-2-719-0480  
URL <https://www.scas-eu.be/>

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Baekhyeon-ro Bundang-gu, Seongnam-si, gyeonggi-do, 13595, Korea  
Tel : +82-31-605-2099 Fax : +82-31-602-7637  
URL <https://www.scaskorea.co.kr/>

**SCAS Taiwan, Ltd.**  
Rm. 424, Bldg. 52 No. 195, Sec. 4, Zhongxing Rd., Zhudong Township,  
Hsinchu County 31057, Taiwan  
Tel: +886-3-5910018 Fax: +886-3-5910018  
URL <https://www.scastaiwan.com.tw/>

