



Advanced Analytics

BE SAFE. COMPLIANT. EFFICIENT

Health Inspired,
Quality Driven.

SGS

Pharmaceutical manufacturers are increasingly facing compliance challenges in worldwide markets from complexities of regulatory business requirements. Here, non-compliance has a profound effect on cost, brand reputation, and, ultimately, the lives of their customers or patients.

Safe. Compliant. Efficient

SGS assists the global health science industry by providing industry leading solutions in testing and expertise within regulated environments. This allows pharmaceutical companies to deliver products and formulations that are high-quality, safe and compliant while keeping pace for a **fast go-to-market**.

Extractables & Leachables

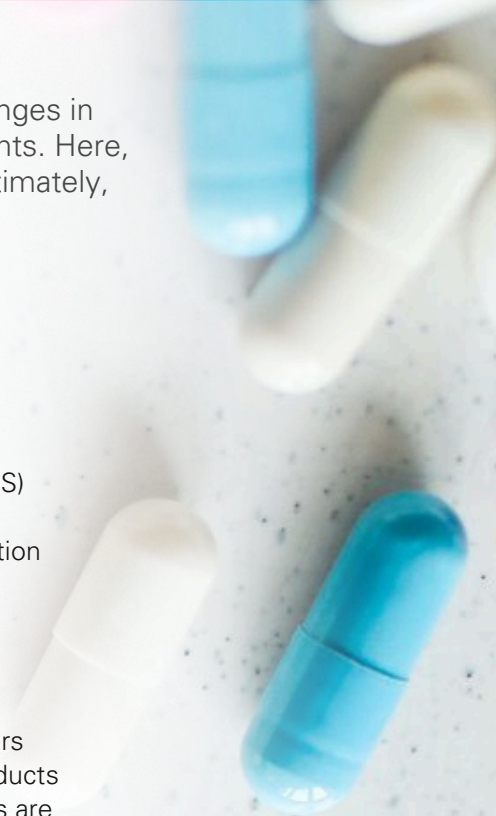
Drug manufacturers are required to demonstrate that no toxic or harmful substances migrate from packaging materials into a drug during its expected product shelf life. Similarly, in single-use systems (SUS) and other consumables used in pharmaceutical production, there is significant interest in the investigation of potential leachables that end up in the finished drug product.

Our E&L services

- Analytical Chemistry
- Consultancy E&L Strategies
- Qualification Services
- Extractables & Leachables (Container, Medical Device, SUS)
- Leachables Screening
- Method Development & Validation
- Stability Studies

Nitrosamine Testing Services

For consumer safety, regulators recommend that drug manufacturers and providers should test their products and ensure that effective measures are taken to prevent impurities like nitrosamines from being present in these. We assure the safety of your drug products, raw materials and active pharmaceutical ingredients (APIs) with accurate tests to detect the presence of nitrosamines.



Volatile and Semi-Volatile Organic
Compound (VOC & SVOC)



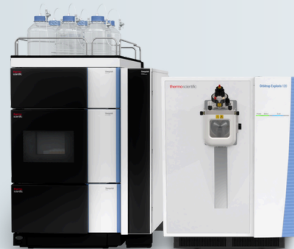
AGILENT 7010 GC-MS/MS

Elemental
Impurities



**AGILENT
ICP MS 7800**

Non-Volatile Organic
Compound (NVOC)



**THERMO ORBITRAP
EXPLORIS 120 (LCMS)**

Non-Volatile Organic
Compound (NVOC)



**THERMO TSQ
QUANTIS TRIPLE QUAD LCMS/MS**

Our cGMP compliant
laboratories use technologies
that detect ultra trace levels of
leachables.

Using LC-MS/MS GC-MS/MS
and LC-HRMS capabilities, we
can detect the presence of
nitrosamine traces at
recommended LOD/LOQ
levels and specifications.

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Contact us

- ✉ in.pharmaqc@sgs.com
- 🌐 sgs.com/healthscience
- 🌐 sgs.com/healthcommunity

WHEN YOU NEED TO BE SURE

SGS