

# Analytical Standards Market Size, Product Trends, Key Companies, Revenue Share Analysis, 2018–2028

*Analytical Standards Market report also sheds light on the supply chains and changes in the trends of the upstream raw materials and downstream distributors.*

NEW YORK, NY, UNITED STATES, June 28, 2022 /EINPresswire.com/ -- The global [Analytical Standards Market](#) size is expected to reach USD 2.32 billion by

2028 at a CAGR of 6.6% over the forecast period, according to the latest report by Reports and Data. Market revenue growth is driven by key factors, such as use of mass spectrometry, chromatography, and other analytical techniques, by end user industries, such as food laboratories, environmental protection agencies, drug manufacturers, and others, to check for adulteration and make sure products meet required safety and quality standards.

Analytical standards are used to confirm the existence of specific components in mixtures, improve the accuracy of quantitative analysis, perform a test or calibration of an analyzer, and various other purposes. Analytical standards for chromatography, electrophoresis, microscopy, spectroscopy, titration, and physical properties are available with applications in trace analysis, petrochemicals, environmental, clinical, food and beverage, accredited reference materials, GMO standards, cosmetics, forensics, and veterinary medicine.

In 2020, the global pharmaceutical market was valued at USD 1.2 trillion. Analytical testing is critical in the pharmaceutical industry because it helps to understand the effect on dosage form selection and design, physical and chemical stability of drug molecules, and drug molecule stability evaluation. Life science and healthcare sectors as well as biopharmaceuticals industries are rapidly expanding, driving revenue growth of the analytical standards market. The biopharmaceutical industry's widespread use of life science reagents and analytical standards for creation of biomarkers, drug discovery, biologic drug processing, and therapeutic drug monitoring is expected to boost demand for analytical standards during the forecast period.

The costs of establishing analytical standards vary significantly from project to project, reflecting



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not only on raw material prices, but also on risk profiles, R&D intensities, purity, protection, documentation, and analytical specification specifications. This increases competition by putting pressure on major producers to lower their prices. The dominance of local players who deliver a broad range of analytical standards at lower prices has a negative effect on the market share of major players in any area, which is expected to limit the market growth to a certain extent.

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Major players in analytical standards market include Merck KGaA, Agilent Technologies, Waters Corporation, LGC Standards, and PerkinElmer, Inc., Restek Corporation, SPEX CertiPrep, AccuStandard, Inc., Thermo Fisher Scientific, Inc., Mallinckrodt, US Pharmacopeial Convention, Cayman Chemical Company, RICCA Chemical Company, GFS Chemicals, Inc., and Chiron AS.

Key Highlights in the Report:

- Among various technique segments, the chromatography segment is expected to account for largest market share during the forecast period. Large share of this segment can be attributed to presence of a large number of developed and emerging suppliers that offer a broad range of chromatographic standards across the world.
- The environmental analytical standards segment is expected to dominate other application segments in the analytical standards market during the forecast period.
- Among the various methodology segments, raw materials segment accounted for largest share of the analytical standards market in 2020.
- Based on categories of analytical standards, organic standards are projected to register significantly higher demand as compared to the inorganic ones, since organic standards are widely used in the laboratory tests for detecting harmful chemicals.
- In 2020, North America accounted for highest analytical standards market share. Food testing labs, drug testing laboratories, environmental pollution monitoring laboratories, and forensic laboratories are well established in the region, especially in Canada and the U.S., which is driving market growth.
- Asia Pacific analytical standards market will be driven by the expanding pharmaceutical industry in the region.

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Segments Covered in the Report:

For the purpose of this report, Reports and Data has segmented the global analytical standards market report on the basis of technique, product, methodology, category and region:

Technique Outlook (Revenue, USD Million, 2018–2028)

- Chromatography
  - oIon Chromatography
  - oGas Chromatography
  - oLiquid Chromatography
  - oThin Layer Chromatography
  - oOther chromatography
- Spectroscopy
  - oAtomic Absorption Spectroscopy
  - oMass Spectroscopy
  - oIR Spectroscopy
  - oNuclear Magnetic Resonance Spectrometry
  - oX-Ray Fluorescence/Diffraction Spectrometry
  - oUV/Vis Spectroscopy
  - oOther Spectrometry
- Titrimetry
- Physical Property Testing
  - oViscosity Testing
  - oSieve Calibration & Particle Size Testing
  - oColour Reference testing
  - oOthers

Product Outlook (Revenue, USD Million, 2018–2028)

- Food & Beverages Standards
  - oFlavor & Fragrance Standards
  - oCarbohydrate Standards
  - oPeptide/Amino Acid Standards
  - oFood Additive Standards
  - oFatty Acid/Lipid/Fame Standards
  - oGMO (Genetically Modified Organisms) Standards
  - oMycotoxin Standards
- Forensic Standards
  - oDrugs of Abuse Standards
  - oDoping Standards
- Veterinary Drug Standards
  - oAntibiotic Standards
  - oHormone Standards
- Petrochemistry Standards
  - oGasoline, Diesel, and Petroleum Standards
  - oBiofuel Standards
- Environmental
  - oPesticide Standards
  - oVolatiles/Semivolatiles Standards

- oBlame Retardant Standards
- oAroclor/PCB, and Dioxin Standards
- oAlkyl Phenol Standards
- oSolid Waste Standards
- Pharmaceutical and Life Science Standards
- oCosmetic Standards
- oHerbal Drug/Phytopharmaceutical Standards
- oPharmaceutical Secondary Standards
- oPharmaceutical Impurity Reference Standards
- oPharmacopoeia Standards
- oFluorescent Microparticle Standards

#### Methodology Outlook (Revenue, USD Million, 2018–2028)

- Bioanalytical Testing
- Stability Testing
- Raw material Testing
- Dissolution Testing
- Other Methodologies

#### Category Outlook (Revenue, USD Million, 2018–2028)

- Organic Analytical Standards
- Inorganic Analytical Standards

#### Regional Outlook:

- North America
  - oU.S.
  - oCanada
  - oMexico
- Europe
  - oGermany
  - oU.K.
  - oItaly
  - oFrance
  - oBENELUX
  - oRest of Europe
- Asia Pacific
  - oChina
  - oIndia
  - oJapan
  - oSouth Korea
  - oRest of APAC
- Latin America

- oBrazil
- oRest of LATAM
- Middle East & Africa
- oSaudi Arabia
- oU.A.E.
- oSouth Africa
- oRest of MEA

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