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# SIGMA-ALDRICH®

## Sigma-Aldrich Product Portfolio

Sigma-Aldrich gives you easy access to the product you need

- by streamlining our product range
- by delivering clearly defined product categories
- by providing [brands](#) and [grades](#) for every application

## Sigma-Aldrich Brands

### PRODUCT BRANDS

#### Supelco®

##### Analytical

Capillary  
Electrophoresis  
Chromatography  
Electrochemistry  
Microbiology  
Spectroscopy  
Titration/Aquastar®  
Wet Analysis  
USP  
Cerilliant

#### Sigma®

##### Life Science

Biochromatography  
Biotransformation  
Cell Culture  
Cloning & Expression  
Electrophoresis  
Enzymatic Analysis  
Fluorescence Spectroscopy  
Light & Electron Microscopy  
Mass Spectrometry  
Nucleic Acid Purification Protein  
Purification & Detection  
Roche

#### Sigma-Aldrich®

##### Chemistry

Asymmetric Synthesis  
Catalysis  
Inorganic Chemistry  
Medicinal Chemistry  
Organic Synthesis  
Organometallic  
Chemistry

##### Materials Science

Alternative Energy  
Biomaterials  
Metal & Ceramic  
Science  
Micro/NanoElectronics  
Nanomaterials  
Organic Electronics  
Polymer Science

#### SAFC

##### Development and Manufacturing

Biosciences  
Diagnostics  
High Technology  
Flavors & Fragrances  
Pharma  
Raw Materials for  
Manufacturing

### APPLICATIONS

## Sigma-Aldrich Grades

### Application

### Brand

### Grade or Trade Name

### Definition

#### Analytical

Sigma-Aldrich  
Supelco

TraceCERT®

Certified reference material according to ISO 17025 and ISO Guide 34. TraceCERT reference materials are developed and produced in an accredited laboratory fulfilling both ISO 17025 (general requirements for the competence of testing and calibration laboratories) and ISO Guide 34 (general requirements for the competence of reference material producers).

#### Life Science

Sigma

BioUltra

Finest quality products for life science, with the most stringent testing protocols and highest purity. Superior manufacturing methods and product specific testing protocols are designed to ensure quality to our highest standard. Tests may include, but are not limited to, purity by gel electrophoresis, trace metal testing and application testing.

<b>Life Science</b>	Sigma	BioXtra	Stringent testing protocols may include trace metal analysis and specialized suitability testing, such as hybridoma or mouse embryo. Includes application-specific formulations, such as tablets and prepared solutions.
<b>Life Science</b>	Sigma	BioReagent	Base grade products, suitability tested for specific applications such as molecular biology or cell culture.
<b>Life Science</b>	Sigma	% purity	Sigma brand products used for basic life science applications.
<b>Chemistry</b>	Aldrich	Anhydrous	High-purity solvents with extremely low water content specifically manufactured for moisture sensitive syntheses.
<b>Chemistry</b>	Aldrich	% purity	High quality chemistry products defined by their assay value as a percent purity.
<b>All</b>	Sigma-Aldrich	for HPLC HPLC Plus	Solvents tested for suitability in HPLC applications.
<b>All</b>	Sigma-Aldrich	puriss p.a., ACS reagent	Exceeds standard ACS specifications with additional trace metals analysis.
<b>All</b>	Sigma-Aldrich	ACS reagent	Meets or exceeds ACS specifications. For general analysis and procedures requiring stringent quality specifications.
<b>All</b>	Sigma-Aldrich	Corresponds to official monograph (e.g. Ph.Eur., USP)	Produced/procured, packaged and analyzed under appropriate quality systems for pharmaceutical applications according to the corresponding monograph.
<b>All</b>	Sigma-Aldrich	Meets analytical specifications of USP, FCC, NF, EP (Ph. Eur.), BP, and/or JP.	Chemicals that meet the latest testing specifications of the United States Pharmacopeia (USP), Food Chemicals Codex (FCC), National Formulary (NF), Pharmacopeia Europe (EP or Ph. Eur.), British Pharmacopeia (BP), and/or Japanese Pharmacopeia (JP). For R&D and testing purposes only.
<b>All</b>	Sigma-Aldrich	<i>ReagentPlus</i> <sup>®</sup> , Reagent grade or Laboratory reagent	≥95% for general laboratory use.
<b>All</b>	Sigma-Aldrich	Technical	Chemicals that do not have an established standard set for quality and impurity levels or for products where the purity is <90%. Variation in color and physical form is possible.