



## Elevate your laboratory work with Lab Essential Reagents

In the world of scientific research and development, having the right reagents at your disposal can make all the difference. Whether you're conducting complex chemical syntheses, performing precise titrations or ensuring the purity of your samples, high-quality laboratory reagents are indispensable. Let's explore how essential reagents from AnalytiChem can enhance your daily lab operations and drive your research forward.





## Solvents

### The Versatile Workhorses

Solvents are the backbone of many laboratory procedures. They dissolve other substances, facilitating a wide range of applications such as chemical synthesis, purification, extraction, chromatography and cleaning.

The AnalytiChem group can provide you acetone, acetonitrile, ethanol, methanol, 2-propanol, toluene and many more.

## Salts

### The Stabilizers of Solutions

Salts play a key role in various analytical and preparative processes, ensuring the success of your experiments. They are essential for buffer solutions, precipitation reactions and as electrolytes. They help stabilize your reactions and ensure consistent results. Sodium chloride, silver sulfate and silver nitrate are just a few examples out our extensive range of salts offered by the Analytichem group.

## Acids

### The Powerhouses of Precision

Acids are essential for creating the right conditions for numerous chemical reactions. They play a substantial role in acid-base titrations, pH adjustments, cleaning, and etching. They help maintain the right conditions for your experiments, ensuring accurate results. Hydrochloric acid, sulfuric acid, nitric acid and acetic acid are just some of our main acids out of the AnalytiChem group portfolio.

## Buffer solutions

Are mixtures that resist changes in pH when small amounts of acids or bases are added. They are crucial in maintaining stable pH levels in biological systems and chemical reactions. The AnalytiChem group is able to offer an extended range of buffer solutions under accreditation.

## Bases

Are fundamental for neutralization reactions and maintaining the right pH balance in your experiments. Sodium hydroxide, potassium hydroxide and calcium hydroxide, you name it ► we have it.

## Go for convenience

### With our Lab Essential reagents

that are available in various grades and packaging options, making them easy to handle and store. Pre-measured and ready-to-use solutions save time and reduce preparation errors.

**Their versatility makes them  
a must-have in your lab!**

# Elevate Your Analytical Performance with HPLC gradient grade Acetonitrile, Methanol and Water

In the world of high-performance liquid chromatography (HPLC), the right solvent for the right application can make all the difference. That's why we proudly offer HPLC gradient grade Acetonitrile, Methanol and Water, designed to meet your standard of purity and performance.

**For these critical solvents  
you can rely on us to provide:**

- ▶ **Exceptional Purity:** a high purity level ensures minimal interference in your chromatographic analysis.
- ▶ **Consistent Performance:** Each batch is rigorously tested to guarantee consistent quality, ensuring reproducibility in your results.
- ▶ **Versatility:** Suitable for a wide range of applications: pharmaceutical, environmental, biochemical analyses, food and beverage and many more.
- ▶ **Quality Assurance:** Our solvents are manufactured under strict quality control protocols to meet the highest industry standards.
- ▶ **Cost-Effective:** Competitive pricing ensuring you get the best value for your investment.



Get familiar with the HPLC solvents offered by AnalytiChem.

**CL00.0175.2500 Acetonitrile, HPLC gradient grade, >99,9%**

Assay	> 99.9%	Transmittance @ 200 nm	> 80%
Water	< 150 ppm	Transmittance @ 210 nm	> 88%
Acidity	< 0.0005 meq/g	Transmittance @ 220 nm	> 94%
Non Volatiles	< 0.0005%	Transmittance @ 230 nm	> 98%
UV absorbance @ 254 nm	< 0.001	Transmittance @ 240 nm	> 99%
Transmittance @ 195 nm	> 70%	Filtered 0,22 µm (Micron)	

**CL00.1364.2500 Methanol, HPLC gradient grade, >99,9%**

Assay	> 99.9%	Transmittance @ 225 nm	> 67%
Water	< 500 ppm	Transmittance @ 235 nm	> 83%
Acidity	< 0.0005 meq/g	Transmittance @ 260 nm	> 98%
Non Volatiles	< 0.0005%	Filtered 0,22 µm (Micron)	
UV Cut-off	= 206 nm max.		

**CL02.2113.2500 Water HPLC gradient grade**

Non Volatiles	< 5 ppm
Conductivity	<1 µS/cm

