

$Fluka^{\text{TM}} = Accuracy + Consistency^2$



**Honeywell**

HONEYWELL RESEARCH CHEMICALS PORTFOLIO  
Riedel-de Haën™ Burdick & Jackson™ **Fluka™**

**Discover the perfect formula**

Fluka™ Reagents

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 **SCIENTIFIC  
LABORATORY  
SUPPLIES**



Honeywell now delivers Fluka™ premium grade inorganic reagents worldwide – with consistency, purity, and accuracy assured.

### **Fluka™ – Leading the Industry For Over 65 Years**

The Honeywell Fluka™ reagent range has been helping thousands of scientists achieve accurate and consistent results for over half a century.

Our Fluka products are now widely used in all types of analytical chemistry research laboratories, in all major industries worldwide, and include leading product lines such as Hydranal™ for Karl Fischer titration, and TraceSELECT™ for trace analysis.

Optimized for use in analytical chemistry and a number of analytical specialties, you will be sure to find high-quality, reliable products that are suitable for your application.



## Hydranal™

### The Original Karl Fischer Titration Reagents

Hydranal is the original and leading brand for pyridine-free and ethanol-based water determination by Karl Fischer titration (KF) titration.

Honeywell offers a wide range of one and two component reagents suitable for volumetric titration, and reagents suitable for coulometric titration. Hydranal can be used to analyze a large variety of samples, including liquids, solids, and gases.

The Hydranal product line includes both water standards and Certified Reference Material (CRM) water standards, with exactly defined water content for titer determination and monitoring instrument performance.

Furthermore, pH buffering reagents, special reagents for aldehyde, ketones, and additional solubilizing agents are available.

## Dedicated Centers of Excellence

Honeywell has two Hydranal Centers of Excellence in Germany and the United States, dedicated to answering technical inquiries, and providing detailed application support.

With decades of experience and over 700 tried, tested, and documented applications, Honeywell's expert chemists and analytical scientists can provide application and technical support, help to select suitable reagents, and provide product documentation, as well as develop and troubleshoot Karl Fischer titration methods.



## TraceSELECT™ and TraceSELECT Ultra High Purity Reagents for Sample Preparation and Analysis

Sample preparation for inorganic trace analysis applications requires reagents of the highest purity. Such reagents must have very low metal content to ensure appropriately low blanks. The Honeywell TraceSELECT and TraceSELECT Ultra product range includes very high purity acids, bases, solvents and salts that are designed for trace and ultra-trace analysis in the part per billion (ppb) and part per trillion (ppt) range.

Our reagents are handled under clean-room conditions and supplied in high quality, leach-resistant bottles to ensure long-term purity. The certificates of analysis list up to 80 individual metal and anion traces.

### Quality assured. Time after time.

Honeywell guarantees products of the highest analytical quality, every lot, every time. Many of our product specifications exceed those of the American Chemical Society, so you can carry out your work in confidence. Products that are specified in accordance with a pharmacopeia (eg. Ph.Eur., USP) satisfy all requirements for the relevant current monograph.

Fluka quality assured products are manufactured in our ISO-certified plant at Seelze, Germany. Honeywell ensures that the plant is continually monitored and improved. We perform regular quality auditing, and invest in staff training and technology to further enhance product consistency and quality.

Seelze,  
Germany





Over 700 analytical reagents.  
**One trusted brand.**

#### Fluka products

Acids and bases  
Adsorbents  
Consumables for sample preparation  
Derivatization reagents  
Eluent additives  
pH indicators  
Inorganic salts  
Matrix substances  
Metals  
pH buffers  
Standard solutions  
Volumetric solutions  
Other analytical reagents

Honeywell Fluka provides a wide range of reliable, trusted products of the highest quality, optimized for use in all areas of analytical chemistry, and suitable for a broad range of applications.

#### Applicable methods

AAS  
Complexometry  
Spectroscopy  
Gravimetry  
GC  
HPCE  
HPLC  
ICP-OES  
ICP-MS  
Ion chromatography  
Titration (including Karl Fischer)  
LC-ICP-MS  
LC-MS  
MALDI-MS  
UHPLC  
Voltammetry

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