



# Electrolyte-Gel KCl 3.00 mol/l

Medium viscose gel electrolyte for electrolyte bridges and reference electrodes with removable gel filling on the basis of 3.0 mol/L potassium chloride in gel structure.

## Properties

- Absolutely free of carcinogenic (poly) acrylamide! <sup>\*1), \*2)</sup>
- Non-toxic.
- Viscous but flowable.
- Air bubbles can rise.
- Clear-sighted and colorless.

## Applications

Suitable for measuring systems in the areas of:

- Drinking water treatment and production
- Beverage industry
- Food industry
- Pharmaceuticals
- Swimming Pool, Spas & Wellness
- Wastewater and Waste

## Reagents

The reagent in its original state is stable at the temperature stated on the label (long-term storage) until the end of the imprinted expiry date.

### Risks and Safety

Please observe the necessary precautions for use of laboratory reagents. Applications should be performed by expert personnel only. Follow the national and laboratory internal guidelines for work safety. Wear suitable protective clothing and disposable gloves while handling.



[www.sds-id.com](http://www.sds-id.com)

The product is not a hazardous product as specified in Directive 67/584/EWG if handled properly. For additional safety information please refer to the information on the label and the corresponding Safety Data Sheet (SDS).

Download by QR code or link: [www.sds-id.com/100075-5](http://www.sds-id.com/100075-5)

### Main Components

032613-0100 \* 1x 100 mL Electrolyte-Gel KCl 3.00 mol/L (potassium chloride) as stabilized, medium viscosity gel structure.

\* The product is also available in OEM versions.

## Usage

The gel electrolyte is used as the reference or bridge electrolyte for all reference electrodes requiring 3.0 mol/L KCl (potassium chloride) as solution or gel.

## Specifications

### Allergens

The product doesn't contain ingredients which are listed in Annex IIIa of Directive 2000/13/EC (allergens).

### Aflatoxins

The product is compliant with the provisions of Aflatoxin Prohibition Order (AflatoxinVerbotsV) of 2000-07-19.

### Dioxins

The product is compliant with the provisions of the Chemicals Regulation (ChemVerbotsV) of 2003-06-13.

### Ionizing radiation

The product or its components have not been treated with ionizing radiation.

### Pharmacopeia

The gel structure contained in the product conforms to the Ph.Eur.

### Genetic Engineering

The product doesn't contain ingredients derived from genetically modified organisms.

### Original properties

The product doesn't contain ingredients of animal or human origin and is therefore free of BSE (Bovine spongiform encephalopathy).

### REACH

All included components are listed REACH.

### CAS

All components have included the assignment of a CAS number.

### Listings of ingredients

For listing of the ingredients in country-specific hazardous material lists or hazardous substances ban lists, see the respective country-specific Safety Data Sheet (SDS).



## Notes

This product information exclusively relates to the product described in this leaflet. In particular, this product information cannot be applied to similar reagents from other manufacturers.

Periodically check for updates of this product information on our website.

### **Support/Information service**

For methodological and technical support, please contact us by E-Mail at [support@bioanalytic.de](mailto:support@bioanalytic.de) or by fax (German, English).

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### **Waste Management**

Please observe your national laws and regulations.

Used and expired solutions must be disposed of in accordance with your local regulations.

Inside the EU, national regulations apply that are based on the current, amended version of Council directive 67/548/EEG on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Decontaminated packaging can be disposed of as household waste or recycled, unless otherwise specified.

## Footnotes

\*1) Many gel fillings of electrodes and reference electrodes are made on the basis of (poly-)acrylamide. Acrylamide is toxic, highly genotoxic (mutagenic), carcinogenic (cancer-causing) and the use in many sensitive areas is not allowed.

\* 2) Other negative effects of poly-acrylamide fillings:

They usually do not have the flow characteristics, so that detachment from the diaphragm often leads to problems, as well as influence the stability of measurement values strongly negative, because the electrolyte flow through the diaphragm essential for the measurement technique does not occur as required. The KCl concentration around the diaphragm area is washed by the measuring medium leading to differences in concentration in the gel filling and thus to measurement problems.