

NUTRINOVUM® AL 5611

Potassium hydroxide solution 45% und 50%



COMMITMENT

Product responsibility from planning to delivery	Low chlorate content of no more than 0.2 ppm
Approved food additive E525/FCC	100% traceable
FSSC 22000, ISO 22000	Kosher and Halal certified

Your Challenge – Our Solution

NUTRINOVUM® AL 5611 PREMIUM

Potassium hydroxide solution
for the highest standards in baby food

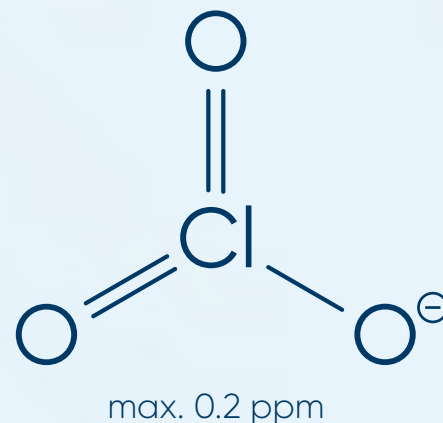
In the production of baby food, the pH level, mineral profile, and residue levels must be precisely controlled. Our potassium hydroxide solution, developed specifically for this sector, is used for precise pH adjustment and also supports low-sodium formulations, as it replaces sodium with potassium.

Thanks to its extremely low levels of chlorate and perchlorate and strictly limited elemental impurities, it helps meet the high safety standards for infant formula—both in the product itself and in the cleaning of equipment and CIP systems.

This is exactly where we started, developing a potassium hydroxide solution that stands out for its low chlorate/perchlorate content and minimal elemental impurities, in accordance with the highest food safety standards for the production of baby food. We ensure high product quality thanks to qualified and reliable raw material sources, a validated production process in a cleanroom environment, and continuous monitoring of critical specification parameters.

PRODUCT FACTS	
NutriNovum® AL 5611 Premium – 45% und 50% solution	Low chlorate content of no more than 0.2 ppm
High product quality with low levels of elemental contamination: e.g., arsenic, lead, mercury, iron, sulfates, chlorides, chlorates	High-quality KOH feedstocks from certified and approved suppliers
Water purified in-house in accordance with EP	Complete transparency throughout the supply chain, from the origin of the raw materials to the final blend
Security of supply: guaranteed availability through in-house production	Consistency across different batches thanks to a validated manufacturing process
Batch-specific certificate of analysis indicating chlorate and perchlorate content for each shipment	

APPLICATIONS	
Remains in the final product	Does not remain in the final product
Food additive ("source of potassium")	Cleaning agent CIP solution
Baby food	pH regulation
pH regulation	Food processing aids
Food processing aids	



RAW MATERIALS AND PRODUCTION

Our raw material procurement is based on established access to reliable sources and certified origins.

In addition, our rigorous incoming inspection of supplied materials ensures all the necessary conditions for high-quality production. This process uses internally purified water; upon request, we can also use water suitable for injection. We produce potassium hydroxide solutions in concentrations ranging from 1% to 50%. Critical parameters are constantly monitored during the production process. The production process is supplemented by rigorous quality control and a strict release procedure for the finished product.

GUARANTEED AND CERTIFIED QUALITY

Authorized food additive, E525, in accordance with Regulation (EC) No. 1333/2008 of the European Parliament and of the Council	FSSC 22000 Production, Storage, Filling, and Transportation in accordance with HACCP – in compliance with EC Regulation 852/2004 (Food Hygiene Regulation)
Compliance with EU Regulation No. 231/2012	Kosher and Halal certification

In addition to our FSSC 22000-certified production, which complies with food safety requirements and the Codex Alimentarius (HACCP), we also use appropriate packaging, such as FDA- and FSSC 22000-compliant IBC containers and food-grade tank trucks.

NutriNovum® provides the best conditions for internal qualification, raw material approval, and verification for customers and regulatory authorities. The regulatory document known as the "Technical Info Package" (TIP) contains the following information:

REGULATORY SUPPORT

Allergens	Pesticides
GVO	Dioxins
BSE/TSE	Explanation of "Kosher"/"Halal"
Nutritional information	Definition of "Vegan"
Compliance of "food contact" packaging with the requirements	Stability data
Microbiology	And more...

NORTH

CG Nutrition & Healthcare – a business unit of
CG 1962 | CG CHEMIKALIEN GMBH & CO. KG

- 📍 Ulmer Straße 1, DE 30880 Laatzen
- ☎ +49 (0) 511 87 80 3-0
- 🌐 www.cg-nutrition-healthcare.de

SOUTH

CG Nutrition & Healthcare – a business unit of
CSC JÄKLECHEMIE GMBH & CO. KG

- 📍 Matthiasstraße 10-12, GER 90431 Nuremberg
- ☎ +49 (0) 911 32 646-0
- 🌐 www.cg-nutrition-healthcare.de

Companies of

