

! „Please adapt to your local assortment“

**NEW**



# HiPP ORS 200 Apple

## Ready-to-drink rehydration solution

- ✓ for the dietary management of diarrheal diseases of infants from the 5<sup>th</sup> month
- ✓ based on natural ingredients
- ✓ no added lactose and milk protein
- ✓ composition according to the guideline<sup>1</sup>
- ✓ efficacy confirmed in a clinical study<sup>2</sup>

### Ordering information:

HiPP ORS 200 Apple is available in all pharmacies.  
 One packaging unit = six 200 ml bottles.  
 Item no.: 2303  
 PZN: 19291282 (only applicable for Germany)

### Ingredients:

Water, apple juice from apple juice concentrate 16 %, malto-dextrin, iodised table salt (table salt, potassium iodate), potassium citrate, acidity regulator citric acid.

Please always check the information on the packaging. This is important, as it can change if recipes are modified at short notice.

### Composition HiPP ORS 200 Apple per 100 ml

Energy	kJ 53/kcal 12
Fat	0,06 g
of which are saturated fatty acids	0,0 g
Carbohydrates	3,0 g
of which are sugars	1,6 g
Fibres	0,0 g
Protein	0,02 g
Salt	0,35 g
Sodium	141 mg
Potassium	80 mg
Osmolarity (mOsmol/l)	240

# HiPP ORS 200 Apple is safe and effective<sup>2</sup>

## Study design

**Design:** double-blind, randomised, controlled study

**Participants:** Infants and children (n=147) at the age of 4 to 48 months with acute gastroenteritis with mild to moderate dehydration

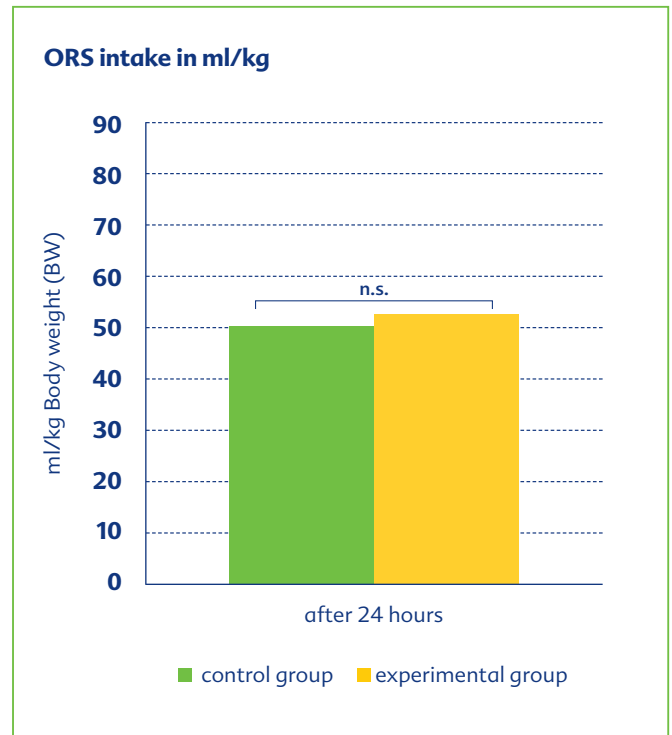
**Study groups:** ESPGHAN ORS (control group), HiPP ORS 200 Apple (experimental group)

**Primary outcomes:** Proportion of successfully rehydrated children (including the following parameters: the resolution of signs of dehydration, adequate weight gain and production of urine)

**Secondary outcomes:** ORS intake, weight gain, vomiting, unscheduled intravenous therapy, return visit to the emergency department within a week, duration of diarrhoea, hospitalization, adverse events

## Results

- the results for all outcomes in the experimental group are comparable to those of the control group
- no significant differences were observed between the experimental and control groups for either primary or secondary outcomes at 4 and 24 hours



**Table 1:** Composition of HiPP ORS 200 compared to ESPGHAN recommendation for composition of an oral rehydration solution for children in Europe<sup>1,2</sup>

		ESPGHAN ORS	HiPP ORS 200 Apple
Sodium	mmol/l	50-60	60
Potassium	mmol/l	20	20
Chloride	mmol/l	> 25	61
Bicarbonate	mmol/l	0	0
Citrate	mmol/l	10	9
Glucose	mmol/l	74-111	78
Osmolarity	mOsmol/l	200-250	240

## Fazit

**HiPP ORS 200 Apple is as safe and effective as the established standard ESPGHAN ORS.**

**References:** **1** Posovszky C., et al. (2024). S2k Leitlinie akute infektiöse Gastroenteritis im Säuglings-, Kindes- und Jugendalter der Gesellschaft für pädiatrische Gastroenterologie und Ernährung (GPGE) Version 4.1 Juni 2024. **2** Pieścik-Lech M, Szymański H, Szajewska H. Efficacy and safety of a new apple-flavoured oral rehydration solution in children with acute gastroenteritis: a double-blind randomized controlled trial. *Acta Paediatr.* 2012 Oct;101(10):e458–64. **3** Guarino A, et al. (2014). European Society for Pediatric Gastroenterology, Hepatology, and Nutrition/European Society for Pediatric Infectious Diseases Evidence-Based Guidelines for the Management of Acute Gastroenteritis in Children in Europe: Update 2014. *JPGN*; 59: 132–152.