

# ALPINE® Destilliertes Wasser

## Use

**ALPINE Destilliertes Wasser** (distilled water) has been demineralised by reverse osmosis and is therefore free of dissolved substances. It is suitable for all applications where pure water is required.

It is used in car batteries, car radiators, steam irons, plant spraying, humidifiers, laboratories and many other applications  
**ALPINE Destilliertes Wasser** (distilled water) is not suitable for medical purposes.

## Advantages

- no residues during evaporation
- no calcification of the devices
- no interactions of dissolved substances

## Service description

- Demineralized according to DIN 43 530 and VDE 0510

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE Destilliertes Wasser
Conductivity	DIN EN 27888	µS/cm	< 5
pH value	DIN EN ISO 10523	-	5.0 - 7.0
Colouring	DIN EN ISO 7887	1/m	< 0.1
Evaporation residue	DIN 38409-H1-1	mg/l	< 10
Colony number (22 °C)	TrinkwV §15 Absatz 1c	CFU/ml	< 20

IONS			
Chloride (Cl)	DIN EN ISO 10304-1	mg/l	< 1.0
Nitrate (NO <sub>3</sub> )	DIN EN ISO 10304-1	mg/l	< 1.0
Sulphate (SO <sub>4</sub> )	DIN EN ISO 10304-1	mg/l	< 1.0
Fluoride (F)	DIN 38405-4	mg/l	< 0.05
Ammonium (NH <sub>4</sub> )	DIN 38406-5	mg/l	< 0.06

ELEMENTS			
Calcium (Ca)	DIN EN ISO 17294-2	mg/l	< 0.2
Potassium (K)	DIN EN ISO 17294-2	mg/l	< 0.05
Magnesium (Mg)	DIN EN ISO 17294-2	mg/l	< 0.02
Sodium (Na)	DIN EN ISO 17294-2	mg/l	< 1.0
Iron (Fe)	DIN EN ISO 17294-2	mg/l	< 0.005
Zinc (Zn)	DIN EN ISO 17294-2	mg/l	< 0.02
Heavy metals	DIN EN ISO 17294-2	mg/l	< 0.1

All information applies to the filling of this product.  
 The stated values may vary within the usual commercial range.