



## CERTIFICATE OF ANALYSIS

Honeywell Specialty Chemicals Seelze GmbH  
 Wunstorferstrasse 40  
 Seelze, 30926  
 Telefon: +49 5137 999-0  
[lab.honeywell.com](http://lab.honeywell.com)

Brand: Honeywell Fluka  
 Product: 38748  
 Lot No: N2910  
 Production date: 18.Oct.2023  
 Expiry Date: 31.Mar.2027

Buffer pH 9,00 FIXANAL for 500 ml buffer solution

Parameter	Specification	Units	Result	Units
pH	8.98-9.02		9.02	

Measured with a combined glass electrode. The calibrating of the pH value is carried out with standard buffer solutions (related to SRM by NIST) according to DIN 19266 at several reference points (according to DIN 19268).

An ampoule contains:  
 2.39 g Sodium tetraborate-10-hydrate ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ )  
 0.084 g Hydrogen chloride (HCl)

Temperature-dependence of the pH values:

pH 9.24 at 0°C	pH 8.80 at 50°C
pH 9.11 at 10°C	pH 8.75 at 60°C
pH 9.00 at 20°C	pH 8.71 at 70°C
pH 8.93 at 30°C	pH 8.67 at 80°C
pH 8.86 at 40°C	pH 8.64 at 90°C

The checking of the chemicals and of the test equipment used is in accordance with DIN ISO 9001.

QC Release Date: 20.Nov.2023

The minimum shelf life is based on the current knowledge and holds only for proper storage conditions in the originally closed flasks/ packages.

We herewith confirm that the delivery is effected according to the technical delivery conditions agreed.

Particular properties of the products or the suitability for a particular area of application are not assured.

We guarantee a proper quality within our General Conditions of Sales.



Honeywell  
Quality Management

This document was produced electronically and is valid without a signature