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Web [www.reagecon.com](http://www.reagecon.com)

## **CERTIFICATE OF ANALYSIS**

**PRODUCT:** SIMULATED GASTRIC FLUID (without enzyme)  
DISSOLUTION MEDIA

**PRODUCT No.:** DB12-121

**LOT NO:** DB1224L1

**DATE OF TEST:** 13/11/2024

**EXPIRY DATE:** 28/11/2026

**MEAN pH VALUE:** 1.16 @ 25 °C

**pH SPECIFICATION:** 1.00 – 1.40 @ 25 °C

**pH MEASUREMENT:** Tested in accordance with in-house method. Measured with a combination glass electrode after multiple point calibration with reference materials.

**TRACEABILITY:** Standard buffer solutions are certified traceable to the following U.S. National Institute of Standards and Technology, SRM 185i Potassium Hydrogen Phthalate and SRM 189c Potassium Tetraoxalate.

**MEAN MOLARITY:** 0.0809 M Hydrochloric Acid

**SPECIFICATION:** 0.0800 – 0.0880 M Hydrochloric Acid

**METHOD:** Tested by potentiometric titration, to in-house method.

**TRACEABILITY:** This product was checked by means of a Sodium Hydroxide Analytical Volumetric Standard. This volumetric standard is directly traceable to a Standard Reference Material of National Institute of Standards and Technology (USA), 84L Potassium Hydrogen Phthalate.



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## **CERTIFICATE OF ANALYSIS**

**MEAN MOLARITY:** 0.0358 M Sodium Chloride

**SPECIFICATION:** 0.0324 - 0.0359 M Sodium Chloride

**METHOD:** Tested by argentometric titration, to in-house method.

**TRACEABILITY:** This Solution was tested by precipitation titration with Silver Nitrate Analytical Volumetric Standard. This volumetric standard is directly traceable to Standard Reference Material of National Institute of Standards and Technology (USA), SRM 919b Sodium Chloride.

**COMPOSITION:** Sodium Chloride  
Hydrochloric Acid  
Purified Water

This product complies with the USP & EP requirements for dissolution media when 3.2g/l of Pepsin is added to it.

All raw materials used to prepare this product are of high purity.

**Approved By:**

A handwritten signature in purple ink that reads "gabriel".

QC TECHNICIAN

**Date:** 14/11/2024

This certificate must not be reproduced except in full.