



PART OF VITROLIFE GROUP™

**CERTIFICATE OF ANALYSIS**

**pH Validation Dish**

**REF**  
16452

**LOT**  
E1-P8-2602-1

**EXPIRY DATE**  
2030-02-01

**INTENDED USE**

The pH Validation Dish is used to equilibrate medium samples inside incubators before performing pH measurements.

**DESCRIPTION**

The pH Validation Dish allows pH equilibration of a bicarbonate buffer system inside a carbon dioxide incubator in < 8 hrs and limits evaporation in cases where the dish is incubated without an oil cover inside a dry incubator. The pH Validation Dish is non-embryotoxic and the lid seals the medium to prevent leakage.

**APPLICATION**

Ready to use.

**RAW MATERIALS**

The raw materials were selected and evaluated by stringent quality control procedures.

**COMPOSITION**

Flexible lid: Silicone. Rigid dish: Polystyrene

**ANALYZED PROPERTIES**

	<b>SPECIFICATION</b>	<b>REPLICATES</b>	<b>RESULT</b>
<b>pH equilibration</b> pH of unequilibrated medium after 8 and 24 hrs of incubation differ by less than	< 0.05	6 dishes	0,008
<b>Evaporation</b> Weight loss in medium sample after 24 hrs of incubation in dry incubator is less than	< 5%	6 dishes	2%
<b>Leakage</b> No observable leakage after turning pH Validation Dishes upside down	None	12 dishes	None
<b>Embryo toxicity</b> Presence of pH Validation Dish does not affect embryo development in neighboring dishes Mouse embryo assay (1-cell) [% expanded blastocyst after 96 hrs in a closed environment]	≥ 80%	2 dishes	98%

YYYY-MM-DD

2026-03-24

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The product is NOT a medical device according to EU regulation 2017/745 and may NOT be used to cultivate human embryos.