



CERTIFICATE OF ANALYSIS

pH Validation Dish

REF
16452

LOT
E1-P8-1910-1

EXPIRY DATE
2023-10-01

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	SPECIFICATION	REPLICATES	RESULT
pH equilibration pH of unequilibrated medium after 8 and 24 hrs of incubation differ by less than	< 0.05	6 dishes	0,011
Evaporation Weight loss in medium sample after 24 hrs of incubation in dry incubator is less than	< 5%	6 dishes	2%
Leakage No observable leakage after turning pH Validation Dishes upside down	None	12 dishes	None
Embryo toxicity 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	96%

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The product is NOT a medical device according to EU directive 93/42/EEC and may NOT be used to cultivate human embryos.