Vitrolife

CERTIFICATE OF ANALYSIS

pH Validation Dish

REF	LOT	EXPIRY DATE
16452	E1-P8-2011-1	2024-11-01

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	0,021
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.