

DATASHEET · BEHAVIORAL MAZES

Zebrafish Y Maze Flow Modification.

SKU ME-4853 Spec v1 Rev. 2026-07-09

DATASHEET · P
ME-
 Rev 2026



PRODUCT FAMILY
 ANIMAL MODEL
 APPLICATION
 COUNTRY OF ORIGIN
 MFG. STANDARD
 LOT TRACEABLE **No**
 VERIFIED **Spec v1 · 2026-07-09**

PRODUCT SPECIFICATIONS

FROM PUBLISHED PROD

TUBING_DIAMETER	1 cm diameter polyethylene tubing	WATER_DEPTH	7 cm
ENCLOSURE_HEIGHT	50 cm tall opaque plastic enclosure	FLOW_RATE_1	0.4 cm/sec (for denatonium ben experiment)
FLOW_RATE_2	3 cm/sec (for alcohol experiment)	TESTING_DURATION	5 minutes per session
TRAINING_PERIOD	10 minutes daily for 3 consecutive days	ALCOHOL_CONCENTRATION	0.5% (v/v) acute, 0.125-0.5% (chronic, 0.85% dispensed)
DENATONIUM_CONCENTRATION	2.5mM	INCLUDES_FLOW_METER	positioned at intake opening
BEHAVIORAL_CONSTRUCT	spatial learning, spatial memory, choice behavior, spatial navigation, chemical preference, decision making	AUTOMATION_LEVEL	semi-automated
MATERIAL	polyethylene, transparent acrylic	SPECIES	Zebrafish
DIMENSIONS	Starting arm: 18 cm, Goal arms: 30 cm each x Starting arm: 10 cm, Goal arms: 5 cm each x 20 cm	RESEARCH_DOMAIN	Addiction Research, Behavioral Pharmacology, Developmental E Learning and Memory, Neurosci Toxicology
COMPATIBLE_TRACKING_SOFTWARE	ConductVision	DIMENSIONS LxWxH (MM)	43.2 x 38.0 x 27.9
WEIGHT (KG)	21.0	AVAILABILITY	In stock

BILL OF MATERIALS · 1 LINE ITEMS

BASE CONF

QTY	ITEM	SKU
1	Zebrafish Y Maze Flow Modification	ME-4853

Scope.

INFO@CONDUCTSCIENCE.COM CONDUCTSCIENCE.COM

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BILL OF MATERIALS · EXTENDED ATTRIBUTES

ITEM

Zebrafish Y Maze Flow Modification

MATERIALS REFERENCE

0 MATERIAL

CODE

DESCRIPTION

PROPERTIES

USED IN

Cross-reference.

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OPERATING & STERILIZATION ENVELOPES

CONDITIONS, CYCLES, COMI

OPERATING

TEMPERATURE

HUMIDITY

PRESSURE

STORAGE

TEMPERATURE

HUMIDITY

ORIENTATION

STERILIZATION & CLEANING

AUTOCLAVE

GAMMA

AVOID

ETO

WIPE

ANIMAL COMPATIBILITY

BY SPECIES

NOTES

USE & S

SPECIES	BODY WEIGHT	CHAMBER FIT
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Specifications verified against current published product data. Verified 2026-07-09 · Since 2026-07-09.

Cite: ConductScience ME-4853, Spec v1, 2026-07-09. conductscience.com/lab/zebrafish-y-maze-flow-modification

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