

Certificate of Analysis



CatFlux Solutions

Storage: 2 – 8 °C

Item number: P1001
Batch ID: B2503
Date of manufacture: 23.04.2025
Expiration date: 23.10.2026

PARAMETER	SPECIFICATION	RESULTS
pH	7.30 – 7.40	Passed
Osmolality	266 – 294 mOsm/kg	Passed
Product hygiene	$< 10^4$ CFU/cm ³	Passed

DIAGNOSTIC PERFORMANCE	SPECIFICATION	RESULTS
CatSper-Test*	CatSper-intact CatSper Index > 80	Passed (3/3)
	CatSper-defect** CatSper Index < 80	Passed (3/3)

*The CatSper-Test was performed on three semen samples using the CatFlux Solutions

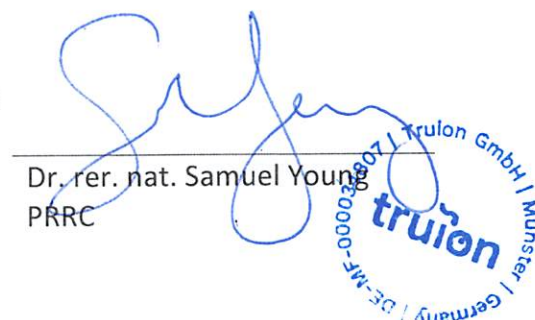
**CatSper-defect sperm simulated with the CatSper inhibitor described in Schierling et al. 2023, ACS Pharmacol. Transl. Sci.

This Certificate of Analysis confirms that the CatFlux Solutions for the CatSper Test have undergone comprehensive quality control and diagnostic testing and complies with the specified requirements, quality standards, and regulatory guidelines.

Release date: 25.04.2025

Signed:

Dr. rer. nat. Samuel Young
PRRC



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