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CERTIFICATE OF ANALYSIS

4404846 **TaqMan™ OpenArray™ Genotyping Master Mix**

Packaging Lot: **3281588**
Expiry Date: 30.06.2026 (DD.MM.YYYY)
Storage: at 5±3°C in the dark
Note: **For Research Use Only. Not for use in diagnostic procedures.**

Filling lots for components in package:

Lot	Quantity	Description
3281588	5 mL	TaqMan™ OpenArray™ Master Mix

QUALITY CONTROL

Parameter	Method	Requirement	Result
Functional test	Tested for allelic discrimination performance using a TaqMan OpenArray Genotyping Assay and a TaqMan Drug Metabolism Genotyping Assay on the Applied Biosystems TaqMan OpenArray Genotyping System with 3 different genomic DNA and includes No Template Controls (NTC).	• Call Conformance (%): 99.00 – 100.00 % •NTC False Positive (%): 0.00 – 1.00 % • No Call (%): 0.00 – 1.00 %	Pass
dNTP concentrations	Determined by analytical method.	• dATP: 0.72 – 0.88 mM • dCTP: 0.72 – 0.88 mM • deaza-dGTP: 0.72 – 0.88 mM • dUTP: 1.44 – 1.76 mM	Pass
Mg^{2+} concentration	Determined by analytical method.	9.00 – 11.00 mM	Pass
pH	Measured using pH meter at 25°C.	7.90 - 8.10	Pass
Physical inspection	Components are inspected for correct label and lot number. Caps are tightened to manufacturers recommended torque.	• Weight torque check • Torque check • Tube label inspection • Pouch inspection	Pass

ISO CERTIFICATION
Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management system.

Quality authorized by: J. Žilinskienė