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# CERTIFICATE OF ANALYSIS

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

**Packaging Lot:** **3277849**
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 |
|---|---|---|
| 3277849 | 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 %<br>•NTC False Positive (%): 0.00 – 1.00 %<br>• No Call (%): 0.00 – 1.00 % | Pass |
| dNTP concentrations | Determined by analytical method. | • dATP: 0.72 – 0.88 mM<br>• dCTP: 0.72 – 0.88 mM<br>• deaza-dGTP: 0.72 – 0.88 mM<br>• 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<br>• Torque check<br>• Tube label inspection<br>• 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