

**CERTIFICATE OF ANALYSIS**
**4404846**      **TaqMan™ OpenArray™ Genotyping Master Mix**

Packaging Lot:      2784394

Expire Date:      31.07.2024 (DD.MM.YYYY)

**QUALITY CONTROL**

TEST	SPECIFICATION	RESULT
<b>ANALYTICAL TEST</b>		
pH at 25°C	8.00 ± 0.10	Pass
dATP Concentration	0.72 – 0.88 mM	Pass
dCTP Concentration	0.72 – 0.88 mM	Pass
deaza-dGTP Concentration	0.72 – 0.88 mM	Pass
dUTP Concentration	1.44 – 1.76 mM	Pass
Mg <sup>2+</sup> Concentration	9.00 – 11.00 mM	Pass

**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 %	Pass
NTC False Positive (%)	0.00 – 1.00 %	Pass
No Call (%)	0.00 – 1.00 %	Pass

**PHYSICAL INSPECTION**

Components are inspected for correct label and lot number. Caps are tightened to manufacturers recommended torque.

Weight torque check	Pass
Torque check	Pass
Tube label inspection	Pass
Pouch inspection	Pass

***For Research Use Only. Not for use in diagnostic procedures.***
**ISO CERTIFICATION**

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

Quality authorized by QC: **J. Žilinskienė**
