



## CERTIFICATE OF ANALYSIS

### Wild Type Genomic DNA Reference Standard

**IMPORTANT:** Centrifuge tube prior to opening to prevent loss of product

#### PRODUCTION INFORMATION

Manufacturing QMS Status	ISO 9001 and ISO 13485
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#### PROPERTIES

Quantity	5µg
Concentration	50ng/µL
Buffer	Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0
Storage Conditions	+4°C
Use By	Stable for 36 months from date of manufacture

#### QUALITY CONTROL

TEST	TEST METHOD	ACCEPTANCE CRITERIA	PASS/FAIL
Allelic Frequency	Droplet Digital™ PCR+	<ul style="list-style-type: none"> <li>0%, accepted range = ≤0.1%</li> <li>&lt;5%, accepted range = ±30%</li> <li>≥5% - &lt;10% accepted range = ±20%</li> <li>≥10% accepted range = ±10%</li> </ul>	Pass
Genotype			
Quality	Agarose gel electrophoresis	Bright band of high molecular weight	Pass
Quantification	Spectrophotometry (A260)	45-55 ng/µl	Pass
	+Acceptance criteria example, 1- <5%, accepted range = ±30%, for 1% this represents a range of 0.7 – 1.3%.		

#### CUSTOMER SUPPORT

Technical	technical@horizondiscovery.com
Orders	orders@horizondiscovery.com

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