

horizon

CERTIFICATE OF ANALYSIS

Multiplex DNA Reference Standard

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

PRODUCTION INFORMATION

Manufacturing QMS Status	ISO 9001 and ISO 13485
--------------------------	------------------------

PROPERTIES

Quantity	1µg
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"> 0%, accepted range = ≤0.1% <5%, accepted range = ±30% ≥5% - <10% accepted range = ±20% ≥10% accepted range = ±10% 	Pass
Genotype			
Quality	Agarose gel electrophoresis*	Bright band of high molecular weight	Pass
Quantification	Spectrophotometry (A260)*	48-52 ng/µl	Pass
* Quality Control Test occurs before gDNA is multiplexed. +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

FOR RESEARCH USE ONLY