



CERTIFICATE OF ANALYSIS

Formalin Compromised DNA Reference Standard

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

PRODUCT INFORMATION

| | | | |
|---------------------|--|------------|-------|
| Catalogue No. | HD799 | Serial No. | 26864 |
| Date of Manufacture | June 2017 | | |
| Description | Quantitative Multiplex Formalin Compromised (Moderate) | | |

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 12 months from date of manufacture (as supplied) |

QUALITY CONTROL

| TEST | TEST METHOD AND ACCEPTANCE CRITERIA | PASS/FAIL |
|-------------------|--|-----------|
| Allelic Frequency | Droplet Digital™ PCR Allelic frequencies accurate to: <ul style="list-style-type: none"> For allelic frequencies >20% ± 20% For allelic frequencies ≥5 % <20% ± 30% For allelic frequencies ≥1% <5% ± 40% | Pass |
| Quantification | Qubit® dsDNA BR assay (Invitrogen) <ul style="list-style-type: none"> 50.0 ng/µL ± 10% (45.0 – 55.0 ng/µL) | Pass |
| Fragmentation | Genomic DNA ScreenTape assay (Agilent Tech) <ul style="list-style-type: none"> Fragment characteristics fall within an accepted range for the level of formalin treatment. | Pass |

CUSTOMER SUPPORT

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

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