



PRODUCT SPECIFICATION

Formalin Compromised DNA Reference Standard

PRODUCTION INFORMATION

Date of Manufacture Effective From	Jun 2016
Manufacturing QMS Status	ISO 9001

PROPERTIES

Storage Conditions	+4°C
Use By	Stable for 12 months from date of manufacture

QUALITY CONTROL

TEST	TEST METHOD	ACCEPTANCE CRITERIA
Allelic Frequency	Droplet Digital™ PCR ⁺	<ul style="list-style-type: none"> 0%, accepted range = ≤0.1% 1-5%, accepted range = ±40% >5%, ≤20%, accepted range = ±30% >20%, accepted range = ±20%
Fragmentation	D1000 DNA ScreenTape assay (Agilent Tech)	<ul style="list-style-type: none"> Fragment characteristics fall within an accepted range for the level of formalin treatment.
Quantification	Qubit® dsDNA BR assay (Invitrogen)	45-55 ng/μl

⁺ Acceptance criteria example, 1-5%, accepted range = ±40%, for 1% this represents a range of 0.7 – 1.3%.

CUSTOMER SUPPORT

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