Certificate of Analysis



GlobalFiler™ PCR Amplification Kit (200 Reactions)

Product No.	4476135
Lot No.	2403161
Date of Manufacture	19MAR2024
Expiration Date	19SEP2025

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PART NO.	COMPONENT DESCRIPTION	LOT NO.	EXPIRATION DATE
4476137	GlobalFiler™ PCR Reagents (Box)	2403145	19SEP2025
4476032	GlobalFiler™ Master Mix (Tube)	2310065	N/A
4476136	GlobalFiler™ Primer Set (Tube)	2403060	N/A
4479014	Control DNA 007 (0.1ng/μL) (Tube)	2401079	N/A
4476033	GlobalFiler™ Allelic Ladder (Box)	2401056	16JAN2027
4476033	GlobalFiler™ Allelic Ladder (Tube)	2401056	N/A

Functional QC

QC Method: Samples are amplified using two kits from the current lot manufactured. Results from the current lot are compared to previously approved lots. All analyses are performed using standard operating conditions according to the recommendations in the GlobalFiler™ Kit User's Guide.

TEST	SPECIFICATION	RESULT
Human DNA Contamination	10/12 non-template controls (NTC) amplified for	PASS
	31 cycles produce no typeable peak between 60-	
	460 bp above an instrument-specific analytical	
	threshold of $1 \times LOQ$ (mean signal + 10 SD).	
Genotype	One nanogram of Control DNA 007 amplified for	PASS
	29 cycles produces the correct genotype for all 24	
	loci, including 21 autosomal STR markers, DYS391,	
	Y-indel and the Amelogenin gender marker.	

For Forensic or Paternity Use Only.

All components listed above are manufactured in compliance with ISO 18385 and ISO 13485 certified quality management system, excluding ISO 18385 for the Allelic Ladder (Site: Warrington, UK).

The Allelic Ladder contains common alleles observed in the population, therefore this product is not amenable to ISO 18385 (minimizing the risk of human DNA contamination) testing. Product quality is not impacted.

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Quality Assurance
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