

# RESULTS OF DNA ANALYSIS

## **SANITISED REPORT FOR SECURITY REASONS**

Sixteen genetic loci were tested. Testing process: DNA amplification with PowerPlex® 16 System, detected using the ABI PRISM® 3130xl Genetic Analyzer and analyzed with GeneMapper® ID Software.

**Interpretation:** Based on the DNA Analysis, the alleged Father, JOHN SMITH cannot be excluded as the biological Father of the Child, ROBERT SMITH, because they share the same genetic markers. The probability of the stated relationship is indicated below, as compared to an untested, unrelated person of the same ethnicity.

**Combined Direct Index: 17,446**  
**Probability Percentage: 99.9942%**

Therefore, assuming a prior probability of 50%, the probability of paternity is **99.9942%**.\*

STR LOCUS	ALLEGED FATHER	CHILD	MOTHER (NOT TESTED)	INDEX
AMEL	XY	XY		
D3S1358	16	17		1.036
TH01	6	9	9.3	1.132
D21S11	29	31.2	31.2	2.867
D18S51		12	12	4.000
Penta E	10	12	10	5.375
D5S818		11	11	1.362
D13S317		11	11	1.585
D7S820	8	12	8	3.432
D16S539	12	11	12	0.692
CSF1P	9	11	11	0.824
Penta D	8	10	8	16.667
VWA		17	17	1.900
D8S1179	14	15	14	1.344
TPOX	8	9	8	0.983
FGA	20	21	23	1.365