


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

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|---|---|---|
|  <p>7816</p> <p>Accredited to ISO/IEC 17025:2017</p> | <p>Biofortuna Limited trading as NorthGene</p> <p>Issue No: 016 Issue date: 09 November 2022</p> | |
| | <p>2 Tenth Avenue Deeside Industrial Park Deeside CH5 2UA</p> | <p>Contact: Andrew Mulvihill Tel: +44 (0)151 334 0182 E-mail : Quality@biofortuna.co.uk Website : www.northgene.co.uk</p> |
| <p>Testing performed at the above address only</p> | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|---|--|
| <p>BODY FLUIDS and TISSUES, (including samples/tissues from deceased individuals).</p> <p>Saliva</p> <ul style="list-style-type: none"> - Swabs (buccal cells) - FTA Cards - Toothbrushes <p>Blood</p> <ul style="list-style-type: none"> - FTA Cards <p>Body Tissue</p> <ul style="list-style-type: none"> - Muscle - Bone - Teeth - Hair | <p><u>Relationship Chemical Testing</u></p> <p>Short Tandem Repeat (STR) DNA profiling for relationship testing for:</p> <ul style="list-style-type: none"> - Paternity - Maternity - Sibship - Extended relationships (Aunt/Uncle, Niece/Nephew, Grandparent, Grandchild, Cousin) <p>Using the following chemistry:</p> <ul style="list-style-type: none"> - Powerplex Fusion <p><u>Related Opinions and Interpretation</u></p> <p>Comparison, interpretation and statistical analysis of DNA profiles against compatible DNA Profile information from within submitted cases</p> | <p>Documented In-House Methods using Manual/Automated extraction</p> <ul style="list-style-type: none"> - PrepGEM kit - Promega SwabSolution™ (NG-LAB-067) <p>Documented In-House Methods using DNA Isolation Kit</p> <ul style="list-style-type: none"> - QIAamp® DNA FFPE Tissue kit (NG-LAB-026) <p>Documented In-House Methods using Manual/Automated/Direct amplification and the following chemistry</p> <ul style="list-style-type: none"> - Powerplex fusion (NG-LAB-039) <p>Documented In-House Methods using Electrophoresis</p> <ul style="list-style-type: none"> - Applied Biosystems 3500 Genetic Analyser® (NG-LAB-039) <p>Documented In-House Methods Genetic Characterisation using</p> <ul style="list-style-type: none"> - GeneMapper ID v 3.2 (NG-LAB-031) - GeneMapper IDX v1.5 (NG-LAB-073) - Match Probability (NG-LAB-052) - Familias software (NG-LAB-071) |
| <p>END</p> | | |