



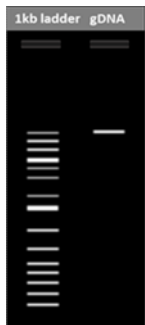
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## BATCH CERTIFICATE

For Research Use Only

### PRODUCT INFORMATION AND QUALITY CONTROL

|                                     |  |  |   |
|-------------------------------------|--|--|---|
| NAME OF PRODUCT                     | Ashkenazim son gDNA  |  |   |
| DESCRIPTION                         | Ashkenazim son gDNA is a highly characterized human DNA from cell lines  |  |   |
| CATALOG NUMBER                      | SID-000004   |  |   |
| BATCH NUMBER                        | 00424  |  |   |
| MANUFACTURING CONDITIONS            | <ul style="list-style-type: none"> <li>· Manufactured and sealed in class 2 safety cabinet</li> <li>· Manufactured according to DIN EN ISO 13485:2016</li> </ul> |  |   |
| PACKAGE SIZE AND TYPE               | <ul style="list-style-type: none"> <li>· 2D barcoded tube with screw cap</li> <li>· Material: Polypropylen (PP)</li> </ul>                                       |  |   |
| DATE OF MANUFACTURE                 | 24.10.2022   |  |   |
| EXPIRY DATE                         | 23.10.2024   |  |   |
| TARGET CONCENTRATION                | 50 ng/µl (dsDNA)   |  |   |
| TARGET QUANTITY                     | 5 µg (dsDNA)   |  |   |
| NOMINAL VOLUME                      | 100 µl   |  |   |
| QUALITY                             | DNA quantity metrologically traceable to internationally certified reference material (ERM_AD442K)   |  |   |
| STORAGE CONDITIONS                  | + 2-8 °C   |  |   |
| MANUFACTURING SITE                  | SensID GmbH<br>Schillingallee 68, 18057 Rostock, Germany   |  |   |
| TEST METHOD AND ACCEPTANCE CRITERIA | Quality control  | Test method  | Acceptance criteria   |
|                                     | Quality  | Agarose gel electrophoresis<br>1% Gel with fluorescent DNA stain in 1 % TAE buffer   | Bright band of high-molecular-weight gDNA<br>≥ 20 kb                  |
|                                     | Quantification   | Total DNA measurement:<br>Spectrophotometry<br>ssDNA [ng/µl] = (A260-A320)*38*<br>dsDNA measurement: Qubit dsDNA BR Assay Kit (Invitrogen) | Total DNA:<br>not applicable<br><br>dsDNA: (50 ±10%)<br>45 – 55 ng/µl |
|                                     | *Protocol NK603 – Community Reference Laboratory for GM Food and Feed  |  |   |

|                     |                | Result  | PASS / FAIL |
|---------------------|----------------|---|-------------|
| RESULTS OF ANALYSIS | Quality        |  | PASS        |
|                     | Quantity       | 49.3 ng/µl (dsDNA)<br>56.4 ng/µl (total DNA)                                      | PASS        |
| COMMENTS / REMARKS  | not applicable |   |             |

Name and position/title of person authorising the batch release:

Björn Nowack, Managing Director

Date of batch release: 28.10.2022

Signature batch release: Björn Nowack

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