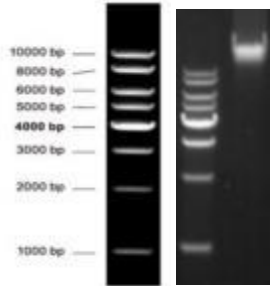


## CERTIFICATE OF ANALYSIS

### Product information

|                       |  |         |
|-----------------------|--|---------|
| Name                  | SMN1 (E7-E8) Loss SMN2 (E7-E8) Gain Reference Standard-1 |         |
| Cat. No.              | CBPD0038   |         |
| Lot No.               | CBFA24101513   |         |
| Format                | Genomic DNA  |         |
| Copy number variation | Loss   | gain    |
| Measured CNV          | SMN1   | SMN2    |
|                       | 0 (NGS)  | 3 (NGS) |
| Ploidy                | 2  |         |
| Buffer                | Tris-EDTA  |         |
| Storage Conditions    | 2~8°C  |         |
| Date of Manufacture   | 2024/10/15   |         |
| Expiry                | 36 months from the date of manufacture                   |         |

### Quality Control

| Test Items                           | Standard            | Results   | Passed |
|--------------------------------------|---------------------|---|--------|
| Quantity                             | 1.00 µg/vial*1 vial | 1.00 µg/vial*1 vial   | √      |
| Concentration                        | 40.00 ng/uL±10%     | 43.80 ng/uL by Qubit 3.0 detection  | √      |
| OD <sub>260</sub> /OD <sub>280</sub> | 1.7~2.1             | 1.77 by Nanodrop detection  | √      |
| DNA electrophoresis                  | No Degradation      |  <p style="text-align: center;">M    1</p> <p>M: Marker<br/>1: SMN1 (E7-E8) Loss SMN2 (E7-E8) Gain Reference Standard-1</p> | √      |

#### Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by: 彭亚楠 Date:2024/12/19

孙一楠 Date:2024/12/19