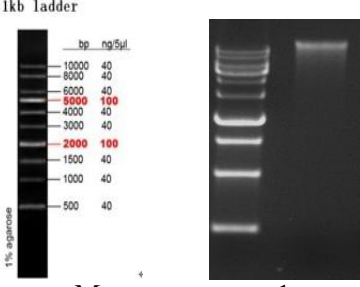


CERTIFICATE OF ANALYSIS

Product information

Name	SMN1 Loss/SMN2 Loss Reference Standard	
Catalog No.	CBPD0018	
Lot No.	CGFA23030702	
Format	Genomic DNA	
Copy number variation	Loss	
Measured CNV	SMN1	1 (NGS)
	SMN2	0 (NGS)
Ploidy	2.61	
Buffer	Tris-EDTA	
Storage Conditions	4°C	
Date of Manufacture	2023/03/07	
Expiry	36 months from the date of manufacture	

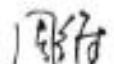
Quality Control

Test Items	Standard	Results	Passed	
Quantity	1.00 µg/vial*1 vial	1.00 µg/vial*1 vial	√	
Concentration	40.00 ng/uL±10%	40.00 ng/uL by Qubit 3.0 detection	√	
OD ₂₆₀ /OD ₂₈₀	1.7~2.1	1.86 by Nanodrop detection	√	
DNA electrophoresis	No Degradation	 <p> 1kb ladder bp ng/5ul 10000 40 8000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40 1% agarose M 1 M: Marker 1: SMN1 Loss/SMN2 Loss Reference Standard </p>	√	
Copy number	Loss	SMN1	CN=1.07 detected by ddPCR	√
		SMN2	CN=0.00 detected by ddPCR	

Caution:

For research use only.

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

Certified by:  Date:****

 Date:****