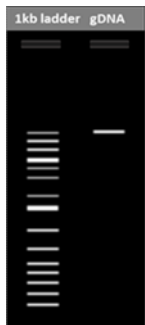


BATCH CERTIFICATE

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	00241		
MANUFACTURING CONDITIONS	<ul style="list-style-type: none"> · Manufactured and sealed in class 2 safety cabinet · Manufactured according to DIN EN ISO 13485:2016 		
PACKAGE SIZE AND TYPE	<ul style="list-style-type: none"> · 2D barcoded tube with screw cap · Material: Polypropylen (PP) 		
DATE OF MANUFACTURE	09.09.2021		
EXPIRY DATE	08.09.2023		
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 Schillingallee 68, 18057 Rostock, Germany		
TEST METHOD AND ACCEPTANCE CRITERIA	Quality control	Test method	Acceptance criteria
	Quality	Agarose gel electrophoresis 1% Gel with fluorescent DNA stain in 1 % TAE buffer	Bright band of high-molecular-weight gDNA ≥ 20 kb
	Quantification	Total DNA measurement: Spectrophotometry ssDNA [ng/µl] = (A260-A320)*38* dsDNA measurement: Qubit dsDNA BR Assay Kit (Invitrogen)	Total DNA: not applicable dsDNA: (50 ±10%) 45 – 55 ng/µl
	*Protocol NK603 – Community Reference Laboratory for GM Food and Feed		

		Result	PASS / FAIL
RESULTS OF ANALYSIS	Quality		PASS
	Quantity	50.4 ng/µl (dsDNA) 80.5 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: 04.10.2021

Signature batch release: Björn Nowack

This document has been created electronically and is valid without signature.