

CERTIFICATE OF ANALYSIS

Manufactured by Sartorius Xell GmbH, Waldweg 21, 33758 Schloss Holte-Stukenbrock,
Germany
Phone: +49 5207 9597 200

Product: 4Cell® HEK293 GM CD Medium
Catalog No.: 851-0001
Lot No.: SHKG390614

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Physical and Chemical Analysis

TEST		SPECIFICATION		REPORT
Appearance	[1]	light yellow to brownish	complies	[-]
Solubility	[2]	clear solution	complies	[-]
pH	[3]	7.00 – 7.50	7.36	[-]
Osmolality	[4]	275 – 305	284	mOsmol/kg
Endotoxin	[5]	≤ 10	complies	EU/mL
Sterility	[6]	0.1 µm filtered	complies	[-]
Amino Acid Profile	[7]	complies	complies	[-]

References

- [1] Visual Control; Internal SOP
- [2] Nephelometric Determination; EP 2.2.1
- [3] Potentiometric Determination; EP 2.2.3
- [4] Freeze-Point Depression; EP 2.2.35
- [5] LAL-Assay; EP 2.6.14
- [6] Membrane Filtration; EP 2.6.1 / USP <71>
- [7] UPLC-Analysis; EP 2.2.56

Comment(s): This product is manufactured without the use of raw materials of animal or human origin.

Storage: +2 to +8 °C, Protect from light.

For research or further manufacturing use only.

Manufacturing Date: 2026/04/30

Date of Approval: 2026/06/15

Expiry Date: 2027/10

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Signatory Table

Action Name	User Name	Title	Signature Date
Send for Approval	Ayse Sahin	Quality & Compliance Assistant	15-Jun-2026 11:02
Approve	XELL QA (Magdalena Gruener)	Quality & Compliance Expert	15-Jun-2026 12:52

* Dates are displayed according to the system time zone: (GMT+02:00) Central European Summer Time (Europe/Berlin)