

Specification Sheet

LifeSupport™

Product description	<p>LifeSupport™ consists of gelatin microparticles that enable FRESH bioprinting of complex tissues and geometries. The sterile LifeSupport powder rehydrates easily with a buffer or cell culture media of your choice to create a gelatin-based support bath. For instructions on how to reconstitute the powder, follow the LifeSupport Directions for Use. For instructions on how to FRESH bioprint and release the construct using the BIO X, follow the FRESH Bioprinting on the BIO X with LifeSupport Suggested Protocol.</p> <p>LifeSupport™ is manufactured by FluidForm™ under license from Carnegie Mellon University.</p>
Intended use	<p>Biocompatible material for FRESH 3D bioprinting, Research Grade. For research use ONLY. Not intended for <i>in vitro</i> diagnostics or <i>in vivo</i> uses. Not intended for administration in humans or animals.</p>
Product number	D1611002
Shelf life	2 years for dry powder, expiration date stated on package.
Storage and handling	Store at room temperature or at 4-8°C when storing for prolonged periods. Limit exposure to air because the dry LifeSupport is highly hygroscopic.
Safety	Handle in accordance with good hygiene and laboratory safety practices. Read Safety Data Sheet for more information regarding ingredients and potential hazardous compounds.
Related documents	Protocols as well as the Safety Data Sheet can be downloaded from our website https://cellink.com/product/fresh-lifesupport-powder/ or by scanning the QR code below.



Scan QR code to visit
the LifeSupport™
product page.

Property	Specification	Method
<i>Appearance</i>	Light yellow powder	Visual inspection.
<i>Sterility</i>	Sterile	Irradiation.
<i>Average particle size</i>	30 ± 10 µm (rehydrated)	4.8% rehydrated powder (with 50mM Na-HEPES) in 2 mL Na-HEPES. Phase contrast microscopy at 20X.