

Specification Sheet

ColMA Kit

Product Description Biocompatible material for 3D bioprinting and casting, *Research Grade*. For research use ONLY. Not intended for *in vitro* diagnostics and *in vivo* uses. Not intended for administration in humans or animals.

Produced under sterile and aseptic conditions.

Product Number	VL450000	Shelf Life	6 months
Storage	Store at -20 to 4°C.		
Handling	Protect from light. Avoid temperature fluctuations.		
Safety	Handle in accordance with good hygiene and laboratory safety practices.		

Property	Specification	Method
<i>Appearance</i>	White powder	Visual inspection.
<i>Sterility</i>	Sterile	Tested for the presence of bacteria, fungi and yeast.
<i>Endotoxin level</i>	<10 EU/g	Limulus Amoebocyte Lysate assay, Pharmacopoeia 2.6.14 "Bacterial endotoxins": Method D, accredited by SWEDAC. Accreditation Certification 1240: ISO 15189, 2010-11-22.
<i>Degree of methacrylation</i>	10-30%	¹ H NMR performed at room temperature, acquired with a spectral width of 8013 Hz, or 16 ppm, averaged over 64 scans using 64K time domain points. Methacrylate peaks present at 5.4, 5.6, and 1.9 ppm.