



Certificate of Analysis

CofA No. C27-110526K

Product name: Porocell™-3D

Lot No.: 27-110526K

Parameter	Method	Results
Sterility	Gas plasma	pass
Metabolic activity	Hepatocyte metabolites	pass
Cell viability	WST-8	pass
Cell adhesion efficiency	Cell counting	pass
Absorption capacity and hydrophilicity	Volumetric	pass
Porosity	Volumetric	pass
Interconnectivity	Colorimetric	pass

All Porocell™-3D matrices are validated for the following parameters:

Parameter	Method	Results
Identification	NMR	pass
Contaminants	GC	< 500 ppm
Toxicity	Acc. ISO 109335	pass
Biocompatibility	Hamster model	pass
Tensile strength	Pressure	$0.14 \pm 0.3 \text{ N/m}^2$
Elastic modulus	Force	$2.41 \pm 0.63 \text{ N/m}^2$

HAC Biomed QC