



X-PURE® GelMA 160P40

RESEARCH GRADE

Product description

X-Pure GelMA is Gelatin Methacryloyl. The precursor gelatin is an acid extracted pig skin gelatin. X-pure GelMA is specifically designed for applications requiring intensely purified cross-linkable biomaterials

X-Pure GelMA comes with low endotoxin levels, making it the perfect solution for (bio)medical applications^(*).

Physical/chemical/microbial limits

Standard parameters	Specifications	Test Method
Degree of modification	30 – 50%	Rousselot
Molecular weight	150 – 170 kDa	Rousselot
Free MA content	≤ 30 ppm	Rousselot
Endotoxin level	≤ 10 EU/g	C River LAL assay**
Loss on drying	≤ 12.0%	EP, USP
Microbial limits	Specifications	Test Method
Total aerobic microbial count-TAMC	≤ 1000 CFU/g	EP, USP
Total yeasts and molds-TYMC	≤ 100 CFU/g	EP, USP
E. coli	Absent in 1g	EP, USP
Salmonella	Absent in 1g	EP, USP

() It should not be construed as a guarantee of suitability for a particular application.*

*(**) Charles River LAL (Limulus Amebocyte Lysate) assay, a FDA compliant method*

Packaging

Nalgene flask or amber vial in an aluminum bag. Quantity 100g, 10g in Nalgene flask, 1g in Amber vial.

Storage information

Store away from heat, moisture and light.

Caution: Close the recipient immediately after use.

Rousselot Biomedical

As the most recent strategic segment within Rousselot, we have drawn upon Rousselot's 125+ years of worldwide expertise and proven track record of pharmaceutical gelatins and collagens to develop X-Pure®, an innovative range of purified gelatins and collagens specifically designed for (bio)medical applications. Offering unique advantages to assure performance, quality and safety, X-Pure is backed by strong scientific data and on-going research. Rousselot Biomedical is committed to facilitating the use of X-Pure in your applications and to help "Advancing medical science".



Supplier

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*Non contractual document, specifications presented can be changed without prior notice. Ensure you use latest version /
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