



**Good Engineering Practice Department**



# Small scale production facility for medicinal products with terminal sterile filtration

## Product-representative

**Trade name:** Mucosat (Chondroitin sodium sulfate  
10% water solution)

**INN:** Chondroitin sodium sulfate

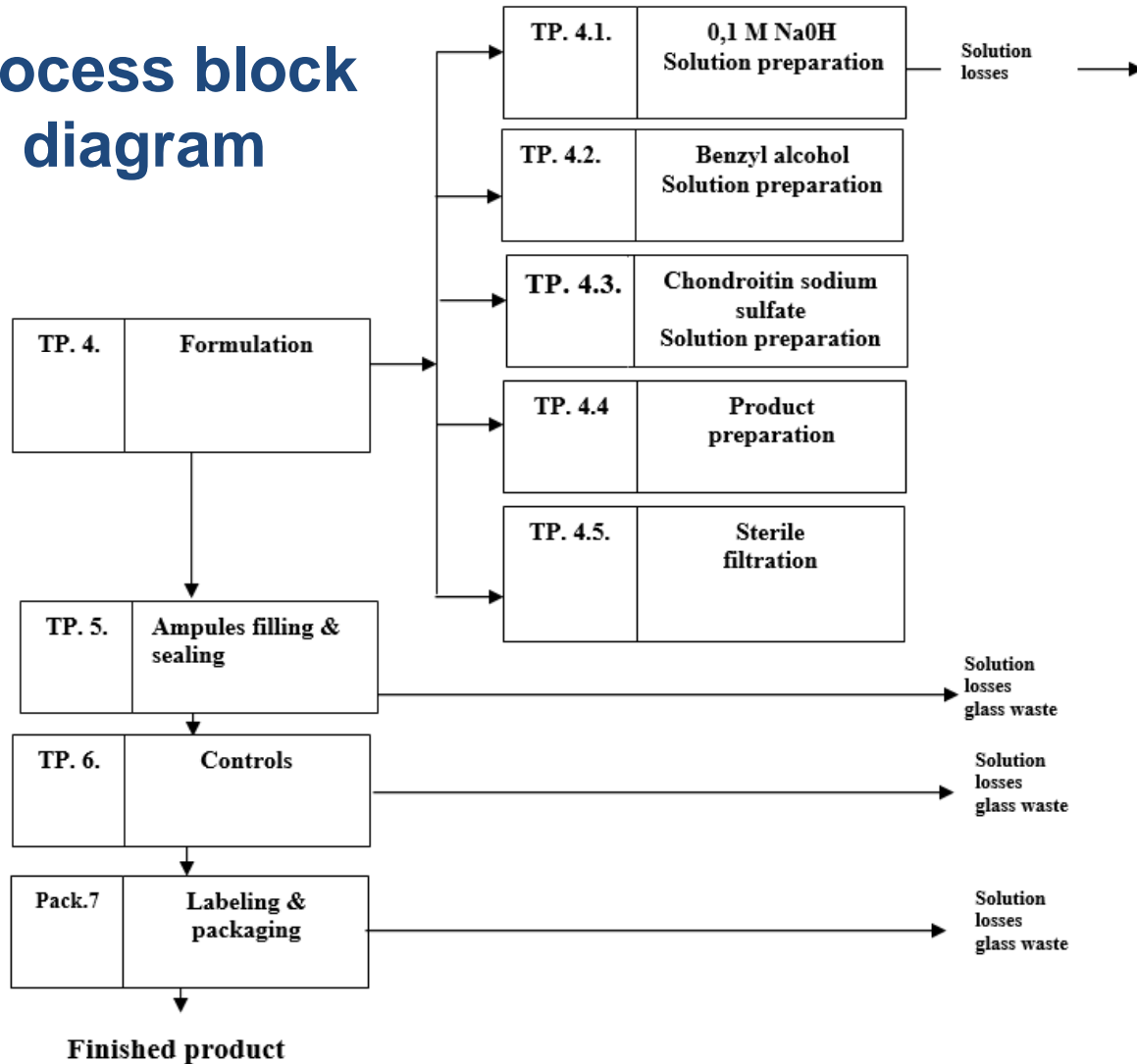
**Form:** Ampules 1 or 2 ml

Anti-inflammatory and chondroprotective injectable. Chondroitin sodium sulfate (API) is a high molecular weight polysaccharide that slows the resorption of bone tissue and reduces the loss of calcium ions.



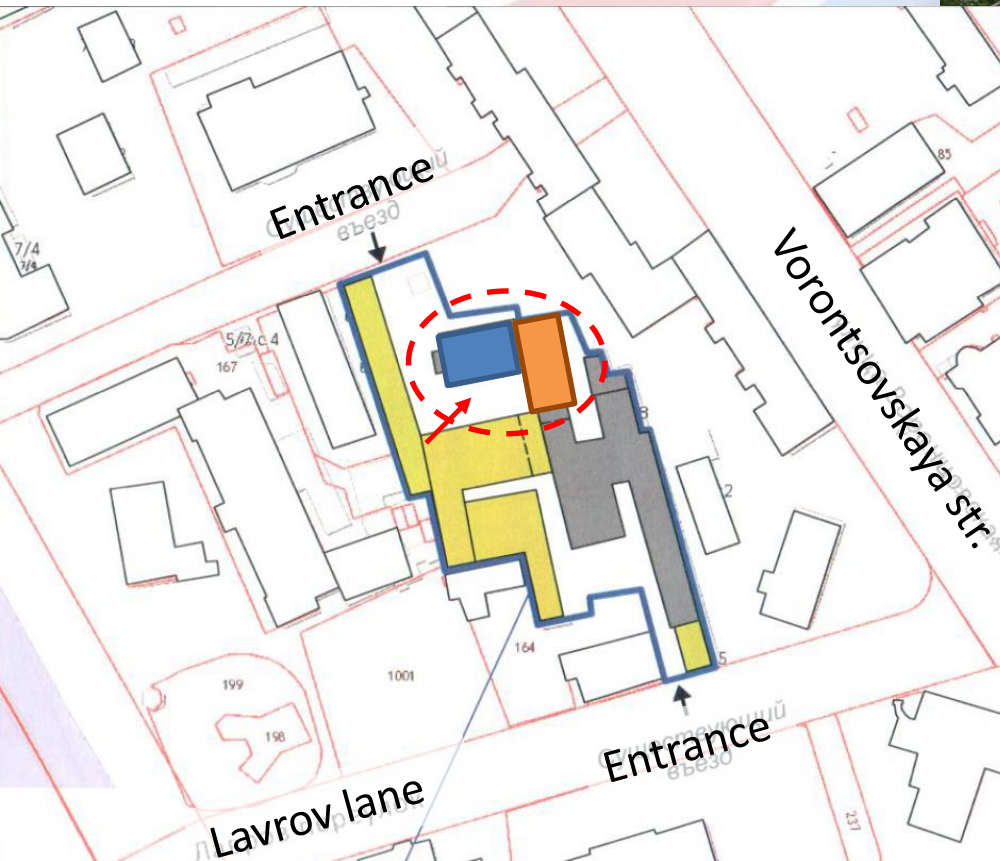
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## Process block diagram





# Small scale production facility for medicinal products with terminal sterile filtration



 **Two-storey building, each 260 m<sup>2</sup>**

1<sup>st</sup> storey — process area.

2<sup>nd</sup> storey — engineering area: HVAC & water treatment.

 **Two-storey building, each 300 m<sup>2</sup>**

Planned for:

- analytical lab., incl. QC functions for production;
- R&D lab for OSD forms.



## Small scale production facility for medicinal products with terminal sterile filtration

The goal of the project is to create a modern («State of the art») manufacturing facility for medicinal products with terminal sterile filtration and R&D center which will allow to educate and train the Inspectorate of Russia and EEC (Eurasian Economic Union).