

## Product Information

### Ecteola Cellulose

Product Number **E 9001**

Store at Room Temperature

#### Product Description

Ecteola cellulose is prepared by activating cellulose with epichlorohydrin, followed by reacting the epichlorohydrin-activated cellulose with triethanolamine.

Ecteola cellulose has been used for removal of heparin from plasma.<sup>1,2</sup> Heparinase is, however, more effective than ecteola cellulose in removing heparin from plasma.<sup>1</sup>

Several naturally occurring polysaccharides were purified, subsequently sulfated by chlorosulfonic acid-pyridine complex, isolated as the sodium salt, and further purified by ecteola cellulose chromatography. The anticoagulant properties of the sulfated polysaccharides were then studied.<sup>3</sup>

Ecteola cellulose has been used in the purification of a sulfated trisaccharide,<sup>4</sup> and in the purification of bovine lung and heart glycosaminoglycans (GAGs).<sup>5</sup> It has been used in an assay procedure for the enzyme 3'-phosphoadenosine 5'-phosphosulfate:phenol sulfotransferase.<sup>6</sup> It has also been used in the separation of purine analogs by thin layer chromatography (TLC).<sup>7</sup>

#### Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

#### References

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