



Scientific Protein Laboratories LLC
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Technical Data Sheet HEPARIN LITHIUM

Heparin Lithium is the lithium salt of heparinic acid, prepared from heparin sodium utilizing ion-exchange technology.

DESCRIPTION

Heparin Lithium is a white to off-white, hygroscopic, amorphous powder.

USES

Heparin Lithium is an anticoagulant. It is used for medical devices, in vitro laboratory applications for coatings and as a reagent.

SPECIFICATIONS

Heparin Potency (dry basis)	Not Less Than 140 USP Heparin Units/mg
pH (1 in 100)	5.0 – 7.5
Loss on Drying	Not More Than 3.0%
Residue on Ignition	Not More Than 35%
Nitrogen (dry basis)	1.3% to 2.5%
Protein	Conforms
Sodium	Not More Than 0.5%
Bacterial Endotoxin	NMT 0.03 USP EU per USP Heparin Unit

CERTIFICATION

Each lot is quality control tested at the time of manufacture. A Certificate of Analysis and Material Safety Data Sheet accompany each order.

SOLUBILITY

Heparin Lithium is soluble in water.

PACKAGING

Heparin Lithium is routinely packaged in polyethylene liners inside heat-sealed foil pouches.

STORAGE

Preserve in tight containers and store at a temperature below 40° C, preferably at room temperature.