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## Product Specification

Product Name:  
Heparin sodium salt from porcine intestinal mucosa -  $\geq 180$  USP units/mg

**Product Number:** H4784  
**CAS Number:** 9041-08-1  
**MDL:** MFCD00081689

**Storage Temperature:** 2 - 8 °C

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg per ml in water	
Loss on Drying	$\leq 5$ %
Calcium	$\leq 20$ ppm
HPLC Identity	Pass
On the Heparin as starting material per USP 34	
Proton NMR spectra	Pass
on starting material per USP 32	
USP units/mg	$\geq 180$
Potency per USP 34;(Dry Basis)	
Nitrogen (dry basis)	1.3 - 2.5 %

Specification: PRD.3.ZQ5.10000006574

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.