

January 22, 2021  
**NIH-13-100t**  
October 30, 2019  
Superseding  
NIH-13-100s  
4 April, 2002

## NIH SPECIFICATION

Laboratory Animal Bedding, Softwood  
(In Paper Bags)

NIH Stock No  
63-3750 - Screened  
63-3800 - Shavings

### 1. SCOPE

- 1.1 This specification covers processed softwood products to be used as a contact bedding for laboratory animals.

### 2. APPLICABLE

- 2.1 The following document of the issue in effect on date of invitation for bids or request for proposal form a part of this specification to the extent specified herein.

National Institutes of Health Standards  
NIH Std No. 4, latest issue in effect - Laboratory Animal  
Bedding, Processing, Packaging and Facility Sanitation

(Copies of NIH Specifications and Standards required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the Contracting Officer).

### 3. REQUIREMENTS

- 3.1 Material - The raw material (untreated) processed for the products covered by this specification shall be from unused white pine (or related species of low resin soft pine) lumber. No other species of wood will be acceptable nor will the presence of other species be permitted with any single species or mixture of the acceptable species. When delivered, the bedding shall contain at least 6 but no more than 12% moisture, based on the determination as specified in the said standard.
- 3.2 Processing - The processing (or Manufacture) of the raw material used in these products shall be in strict accordance with NIH Standard No. 4, latest issue in effect. **TRANSFER OF BULK SHAVINGS FROM A PLANING OPERATION TO A PROCESSING PLANT VIA COMMON CARRIER IS PROHIBITED.**

3.3 Form - The finished product shall be from a planing operation.

Type I - Screened - planing operation shavings shall be screened so that after a 50 gram representative sample has been shaken on a Ro-Tap for 30 seconds, not more than 5% (by weight) shall be retained on a No. 6 U.S. Standard sieve (ASTM specifications) nor will more than 8% (by weight) pass through a No. 20 U.S. Standard sieve (ASTM specifications). This product shall have no more than 5% splinters and/or slivers (by weight).

Type II - Shavings - planing operation shavings shall be screened so that after a 50 gram representative sample has been shaken on a Ro-Tap for 30 seconds, not less than 60% (by weight) shall be retained on a No. 8 U.S. Standard sieve (ASTM specifications) nor will more than 10% (by weight) pass through a No. 20 U.S. Standard sieve (ASTM specifications). This product shall have no more than 5% splinters and/or slivers (by weight).

4. INSPECTION AND TEST PROCEDURES

4.1 Quality Assurance - Bedding shall be inspected in accordance with Section 3.9 of NIH Standard No. 4, latest issue in effect.

4.2 Responsibility for Inspection - Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may utilize his own facilities or any other commercial laboratory acceptable to the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

PREPARATION FOR DELIVERY

5.1 Packaging- Bags and materials used in packaging the bedding shall be two-ply, autoclavable and comply with the requirements in NIH Standard No. 4, latest issue in effect.

