



Research Models
and Services

Teklad Bedding and Enrichment

Laboratory Grade Pine Shavings

Teklad 7088

Envigo Teklad 7088 Laboratory Grade Pine Shavings are the finest pine shavings available to the research community.

Product Description

Raw materials used in 7088 Laboratory Grade Pine Shavings are procured only from planing operations that provide a consistent, clean, soft pine shaving material. These kiln-dried shavings are then triple-screened and aspirated to remove as much sawdust as possible. The end result is a bright, clean, consistent, dry fluffy product with extremely low dust content.

Product features and benefits

- + Bright, clean, consistent
- + Dry and fluffy
- + Extremely low dust content

Product Formats

7088 Laboratory Grade Pine Shavings are packaged in a plant that is dedicated solely to the production of laboratory animal bedding products. This plant employs stringent quality assurance, housekeeping and sanitation procedures consistent with what the research community demands and expects. Laboratory analysis of the finished product is performed at least annually, and provides information on potential contaminants such as pesticides, heavy metals, yeast and molds. These certificates of analysis are available upon request.

Packaging

- Teklad 7088 Laboratory Grade Pine Shavings packaged in 25 lb. (11.34 kg) autoclavable bales with a compressed volume of 3.0 cu. ft. (approximately 9 cu. ft. expanded).

Find out more

Contact your Envigo representative or visit us at envigo.com.

Early research has shown that untreated pine shavings, as well as other softwoods, may cause adverse effects in small rodents^{1,2,3}. Envigo's pine shavings product is kiln-dried, which may decrease risk of these harmful effects, however, we cannot be sure to what extent this heat treatment attenuates these effects.

1. Weichbrod, R. H., Cisar, C. F., Miller, J. G., Simmonds, R. C., Alvares, A. P., & Ueng, T. H. (1988). "<http://europepmc.org/abstract/med/3411916>" Effects of cage beddings on microsomal oxidative enzymes in rat liver. *Laboratory Animal Science*, 38(3), 296-298.
2. Davey, A. K., Fawcett, J. P., Lee, S. E., Chan, K. K., & Schofield, J. C. (2003). "<http://www.ingentaconnect.com/content/aalas/cm/2003/00000053/00000003art00011?crawler=true&mimetype=application/pdf>" Decrease in hepatic drug-metabolizing enzyme activities after removal of rats from pine bedding. *Comparative medicine*, 53(3), 299-302.
3. Vesell, E. S. (1967). "<http://science.sciencemag.org/content/157/3792/1057>" Induction of drug-metabolizing enzymes in liver microsomes of mice and rats by softwood bedding. *Science*, 157(3792), 1057-1058.

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