



## BSE/TSE STATEMENT

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### VWR\* FLASK

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This document certifies that this product meets the following criteria:

<b>North American Catalog No:</b>	89095-270
<b>Description:</b>	VWR FLASK PC 250ML BFL ST CS50

The **polycarbonate** resin used to manufacture the above product complies with the requirements of the U.S. FDA's **21 CFR 177.1580** for food and drug contact applications. Though a component in the resin is made with tallow, the resin in this product meets the requirements of (EMEA/410/01 Current Revision) Note for Guidance on Minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products by virtue of being processed in accordance with section 6.4 requirements.

The **polypropylene** resin used to produce the caps on the above product contains one additive that is derived from animal sources. Their suppliers have stated that the additive is from bovine material. They have assured the resin manufacturer that the animal material is sourced from the United States, Canada or Mexico. The bovine material can be any part of the animal. There are 2 sets of process conditions specified by the suppliers for the bovine material. These are as follow:

- Hydrogenation of tallow @ 200° C, hydrolysis @ 260° C, and 48 bar for 1.5 – 2 hours and vacuum distillation @ 232° C.
- Hydrolysis of tallow @ 260° C and 700 psig for 3 hours, hydrogenation of stearic acid @232° C and 300 psig for 2.5 hours, and distilled at 232° C for 5 minutes.

The **blue colorant** which is used to produce the caps for the above product contains materials made with tallow, however this product meets the requirements of (EMEA/410/01 Current Revision) Note for Guidance on Minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products by virtue of being processed in accordance with section 6.4 requirements.

The **membrane material** which is used in all the vent caps does not contain any materials of animal origin.

Signed:

Ken Crossley  
Manager  
Quality Assurance

Date: June 21, 2013