

Porcine Spray Dried Blood – Export to Korea

Approval to Export

U.S. origin porcine blood is **prohibited** entry into Korea unless the manufacturing facility has been approved by the Korean government, as well as the Animal and Plant Health Inspection Service (APHIS) Veterinary Services (VS). APHIS VS will only endorse export certificates for companies officially listed in the APHIS VS database of approved facilities for Korea.

NOTE: Previously, companies were able to obtain approval from Korea without an official audit by Korean government officials or an official inspection by APHIS VS. As of 2013, U.S. companies seeking approval to export porcine spray dried blood to Korea must be inspected by both Korea and APHIS/VS.

All porcine spray dried blood facilities approved by Korea and listed in the APHIS VS official database should hold an APHIS number and be inspected by APHIS on an annual basis. The inspection requirements for other countries (i.e., Taiwan, Japan) will meet Korea's requirements. For facilities not approved for other countries, a local inspection can be performed by the VS field offices.

Companies/facilities not currently listed by APHIS VS as eligible to export porcine spray dried blood to Korea should work with their Korean importer(s) to arrange for an official audit by Korea. The requisite inspection by APHIS VS can occur before or after the audit by Korean officials. Interested exporters can reach out to their local VS Service Center for additional information.

Certificate Instructions and Requirements

APHIS has a bilateral agreement with Korea on certification and entry requirements for porcine spray dried blood products (primarily spray dried porcine plasma) manufactured by approved facilities as noted above. The certificate agreement includes statements and information intended to provide assurance to Korea that U.S. origin porcine blood products do not pose a risk for the transmission of the porcine endemic diarrhea (PED) virus, other swine coronaviruses, and other pathogens of concern, including bovine spongiform encephalopathy (BSE). The statements below are required on the VS Form 16-4.

NOTE: Export certificates for animal products to Korea must be endorsed (dated) PRIOR to the date of shipment. If the export certificate is dated after the date the product is shipped, Korea will reject the shipment. Please note the other general instructions for export certificates to Korea as posted on the Korea home page of the International Animal Product Regulations (IREGs).

The bilaterally negotiated certification statements noted below must not be amended or revised without express permission from the Animal Products Import and Export (APIE) staff. The first statement providing disease-free certification must not be included under the affidavit line. The statements under the notarized affidavit line must be supported by a notarized affidavit from the approved manufacturer/exporter.

The following statements should be listed in the “ADDITIONAL DECLARATIONS” section of the VS Form 16-4. All required disease freedom statements are already noted; do not add any additional statements.

The country or zone is free of foot-and-mouth disease, classical swine fever (feral swine excepted) and African swine fever, as defined by WOAHP.

This office has on file a notarized affidavit from the manufacturer [*insert name*] verifying the accuracy of the statements below:

1. The product was derived from animals born and raised in the United States or Canada, or that were resident in the United States for at least 3 months.
2. The product contains animal origin ingredients derived from animals that were slaughtered in slaughterhouses which were approved by the government of the exporting country and from animals that passed ante-mortem examination and were presented for post-mortem inspection by government authorities of the exporting country.
3. The product was heat processed to a minimum temperature of 80 °C.
4. The product was produced, stored, and transported in such a manner as to prevent contamination by communicable animal disease pathogens.
5. The product was derived from porcine blood only and was not commingled with any other origin materials.
6. The product was produced and managed to prevent contamination by proteins derived from ruminants and sealed to prevent contamination from external sources.
7. The product was produced in the U.S. and manufactured by the following facility [*insert name, address, and APHIS number of manufacturing facility*].
8. The product is intended for use in animal feed.

In the “PRODUCT” section of the VS Form 16-4, the date of manufacture**, gross weight and net weight will be provided for the certified product.

**If the exporter/manufacturer fails to provide the date or dates of manufacture of the certified product, the shipment will be detained, and the product will be tested for DNA evidence of PEDv. The date or dates of manufacture of the certified product must be provided so the Korean authorities can verify that a minimum of three weeks has elapsed between the manufacture of the certified product and the arrival of the shipment in Korea.

Remember to include the date of shipment on all certificates for Korea.