

Bulk Shipments of Inedible Bovine Blood Meal or Spray-Dried Blood for Export to Canada

This protocol should be used for all bulk shipments of inedible bovine blood meal and spray-dried bovine blood intended for Canada **beginning July 1, 2019**. CFIA will issue import permits containing the statements below for these commodities beginning on July 1, 2019. Over the next year, all current import permits will be updated to match this protocol at the time of permit renewal. Exporters should utilize this protocol only after the import permit reflects the updated language. *Shipments endorsed under this protocol prior to July 1, 2019 and prior to the renewal of the current import permit are not permissible for entry into Canada.*

In general, attestations should be made via notarized affidavit from the manufacturer and should appear on the VS Form 16-4 animal products export certificate under “Additional Declarations” beneath the Canada-specific affidavit line.¹

I, the undersigned official veterinarian, after due inquiry and to the best of my knowledge and belief, do hereby certify:

1. The exported material contains bovine blood and/or blood product as the only animal origin ingredient.
2. The exported products are of U.S. origin and:
 - a. The blood and/or blood product was collected at [*enter name and slaughter establishment number or numbers*] and processed at [*enter name and address of processing plant*].
 - b. The slaughtered bovine animals from which the blood and/or blood product was derived:
 - i. Passed ante-mortem inspection; and
 - ii. Were not subjected to a pithing process or to a stunning process with a device injecting compressed air or gas into the cranial cavity.
 - c. The bovine blood and/or blood product was collected from bovine animals: [*only include the pertinent method or methods as described below*]
 - i. That were killed using a non-penetrative method, in accordance with humane slaughter practices; or
 - ii. That were exclusively under 30 months of age at the time of slaughter; or
 - iii. Using a closed collection system in a manner that prevents contamination of the blood with neural tissue leakage from the stun hole(s) of animals 30 months of age or older; or
 - iv. Using a system whereby each head is trimmed, washed, or scraped to remove grossly visible brain material and the stun hole is plugged with edible grease to prevent neural leakage; or
 - v. From Kosher or Halal Slaughter.

¹ If option 2(c)iv is utilized for blood collection (i.e. the system for plugging the stun hole with edible grease), the federal slaughter plant must be inspected and approved by APHIS. Reference **Important Notes** on page 2 for additional details regarding facility inspection and approval.

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- d. The system for plugging the stun hole with edible grease has been approved by APHIS and recognized by CFIA and includes appropriate facility controls, monitoring, verification, and corrective measures, as well as daily regulatory oversight to ensure compliance. *[Include this statement if blood is collected using option 2.c.iv described above. If option 2.c.iv is not used, do not include this statement.]*

- e. The product was heated:
 - i. to a minimum internal temperature of 80°C.
OR
 - ii. in the case of spray-dried blood/blood product:
Spray-dried using a minimum inlet temperature of ____ (see import permit) and a minimum outlet temperature of 80°C.

- f. Appropriate precautions were taken during collection, processing, packaging, and shipping of the blood and/or blood product to prevent contamination or commingling with animal origin material not authorized by the import permit. [or with any ineligible animal origin materials, including specified risk materials (SRMs) as defined by Canada: the skull, brain, trigeminal ganglia, eyes, spinal cord, vertebral column (excluding the vertebrae of the tail, the transverse processes of the thoracic and lumbar vertebrae, and the wings of the sacrum), the dorsal root ganglia, and the palatine tonsils from all bovine animals aged 30 months of age or older; and the distal ileum from bovine animals of all ages.]

Important Notes (not to be included in certificate language):

Statement 2.b. – Use of the method in 2.c.ii. (i.e. collection of blood from animals exclusively under 30 months of age at the time of slaughter) requires verification that the blood was collected exclusively from veal or bob veal calves or that the facility has an AMS Export Verification (EV) program for Canada in place to ensure that only blood from animals less than 30 months of age is collected.

Statement 2.d. - Federal slaughter plants using the blood collection method in 2.c.iv. (i.e. the system for plugging the stun hole with edible grease) must be inspected and approved by APHIS. Approval requires a facility HACCP plan outlining the process and providing for monitoring, verification, and corrective actions; and an AMS Export Verification (EV) program for Canada in place to provide daily regulatory oversight and periodic records review.