

AS 5392:2023



STANDARDS
Australia



Hygienic production of spray dried blood products



AS 5392:2023

This Australian Standard®, AS 5392, was prepared by Project Committee PC-003, Spray Dried Plasma Powder and Spray Dried Haemoglobin Powder. It was approved by Standards Australia's Standards Development and Accreditation Committee on 12 December 2023.

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The following are represented on Committee PC-003:

- Australian Pesticides and Veterinary Medicines Authority
- Australian Pork
- Australian Renderers Association
- Department of Primary Industries (NSW)
- Feed Ingredients and Additives Association of Australia
- Pet Food Industry Association of Australia

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Preface

This Standard was prepared by the Standards Australia Project Committee PC-003, Spray Dried Plasma Powder and Spray Dried Haemoglobin Powder. It was developed using the alternative path to an Australian Standard and approved by the Standards Development and Accreditation Committee.

The objective of this document is to provide for the production of safe blood products by specifying requirements for the hygienic processing of blood from animals. This includes requirements for blood processing equipment, premises and operations. This document specifies requirements only for spray-dried blood products.

This document forms part of a broader national framework for managing risks associated with animal feed controls in Australia. The aim of the framework is to ensure the safety of blood products by providing Standards that are consistent with the principles and objectives of the Codex Alimentarius.

The other documents in the series are:

- (a) AS 4464, *Hygienic production of wild game meat for human consumption*
- (b) AS 4465, *Construction of premises and hygienic production of poultry meat for human consumption*
- (c) AS 4466, *Hygienic production of rabbit meat for human consumption*
- (d) AS 4467, *Hygienic production of crocodile meat for human consumption*
- (e) AS 4696, *Hygienic production and transportation of meat and meat products for human consumption*
- (f) AS 4841, *Hygienic production of pet meat*
- (g) AS 5008, *Hygienic rendering of animal products*
- (h) AS 5010, *Hygienic production of ratite (emu/ostrich) meat for human consumption*
- (i) AS 5011, *Hygienic production of natural casings for human consumption*

Australian Standards are voluntary. They do not include contractual, legal or statutory requirements. Voluntary Standards do not replace laws, with which Standards users are understood to comply and which take precedence.

This document is based on the structure and content of AS 5008, although it deals with different kinds of products. AS 5008 specifies requirements for the hygienic rendering of animal products, whereas this document specifies requirements only for spray-dried blood products.

Standards Australia's policies and drafting rules have changed since AS 5008 was published in 2007. For example, topics which are covered by regulations and legislation are now excluded from Australian Standards to avoid duplication and redundancy, or potential contradiction. As a result, content in AS 5008 relating to regulatory requirements in relation to Prohibited Pig Feed and the Ruminant Feed Ban has been excluded.

This document differs significantly from AS 5008 also in respect of process validation. In particular, this document does not include a requirement for heat treatment to remove *Clostridium perfringens*.

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