



## FEMAS Sector Note No. 10 – Molasses and Blended Molasses

These Sector Notes apply to businesses producing Blended Molasses Products and/ or placing on the market liquid Molasses and/ or Blended Molasses Products for use as animal feed.

These Notes are not exhaustive, are intended to assist in the application of the corresponding requirements of the FEMAS Standard and are not to be considered in isolation.

**Section 1** of these Sector Notes includes definitions of specific relevance to this sector.

**Section 2** of these Sector Notes includes additional sector-specific information to assist Participants in complying with **Requirements, Interpretation, Guidance and Further Information** of the FEMAS Scheme. The FEMAS Scheme Rules provide the following definitions:

**Requirement** – Sets mandatory standards with which Applicants and Participants must comply to achieve and maintain certification.

**Interpretation** – Provides specific means for Applicants and Participants to achieve the desired outcome of the preceding Requirement. Applicants and Participants are expected to consider Interpretation and apply as relevant to their business. Failure to follow interpretation, resulting in the desired outcome of the Requirement not being achieved will lead to a non-conformance being raised against the requirement.

**Guidance** – Non-mandatory suggestions of useful tools and techniques for achieving and maintaining compliance or continuous improvement.

**Further information** – External sources of useful information, typically including references/ web links to documents or other sources of information.

**NOTE: Revisions introduced in this edition of the Sector Notes are highlighted in Blue**

### 1 Definitions

<b>Blended Molasses Products</b>	Any blend of products consisting substantially of molasses, to which other feed materials and/ or feed additives have been added.
<b>Molasses</b>	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane or sugar beet.

## 2 Sector-Specific Notes

<b>Selection and Approval of Raw Materials</b>		
<b>C 1.3</b>	<b>Interpretation</b>	<p><i>Sector-specific potential hazards in raw materials include but are not limited to:</i></p> <ul style="list-style-type: none"> <li>• <i>Use of antimicrobial products, antibiotics and other chemicals by fermentation industries</i></li> <li>• <i>Levels of ammonium salts in substrates derived from the production of amino acids by fermentation</i></li> <li>• <i>Presence of non-protein nitrogen products</i></li> </ul>

<b>Process Cross-Contamination Controls</b>		
<b>H 10.1</b>	<b>Requirement</b>	<p>Where blanking plates and/ or locked valves are used to segregate feed products from non-feed products, validation must be undertaken initially, and on a regular subsequent basis not exceeding 12 months, to confirm that the initial and ongoing integrity of each blanking plate and valve. Records must be kept to demonstrate this.</p>

<b>Salmonella Testing</b>		
<b>I 6.1</b>	<b>Interpretation</b>	<p><i>The high sugar level in Molasses should effectively control Salmonellae and bacterial pathogens but particular attention should be given to low sugar raw materials (such as roux, raffinade and urea-based liquids) and the resulting Blended Molasses Products, which may have lower sugar levels and may be at higher risk of contamination by pathogens.</i></p>



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