GMP+ International

Monitoring protocol of Salmonella in feed

Scope and application of this protocol		
Scope	This protocol contains minimum monitoring requirements for Salmonella in feed	
	Excluded from this scope are feed products in which Salmonella cannot survive due to the water activity (Aw-value), pH value and/or temperature. The exclusion must be based on a documented validation	
Applied by	The GMP+ certified company that: • produces feed, or • contracts out the production of feed to another company	
	If responsibilities with regard to the application of this monitoring protocol are transferred to another company, this must be kept as documented information.	
Sampling		
General	Representative samples must be taken in accordance with the requirements as laid down in document TS 1.6 *Sampling*.	
Production process	Samples must be taken as close as possible to the critical points in the production process where Salmonella contamination and recontamination can occur	
End-products	Samples of the end-product must be taken as close as possible to the final step in the process.	
Monitoring		
General	See Chapter 1	
Minimum monitoring frequency	Monitoring is done by analysing the samples taken at the critical points in the production process and of the end-products in accordance with the below-mentioned minimum frequency:	
	Samples taken at critical points	**Samples of end-products**
Feed materials	Frequency based on HACCP	
Feed additives		
Premixtures		
Compound feed for poultry, with validated (heat) treatment	1 analysis per 3 months	1 analysis per month
Compound feed for poultry, without validated (heat) treatment	1 analysis per month	1 analysis per 2,000 tons
Other compound feed than for poultry	Frequency based on HACCP	1 analysis per 10,000 tons
Analysing		
Analyse method	The analysis on Salmonella and the serological classification must be carried out by a laboratory approved for this under the GMP+ FSA module. See TS 1.2 Purchase.	
	Salmonella-positive results must be serological classified.	
Sharing of analyse results	See 1.4.2 .	

Commented [JvdK1]: Explanation for working group B:
This is a reference to TS 1.7/BA4. Chapter 1 in those documents contains general monitoring requirements. The GMP+ certified company that applies this protocol must also comply with the requirements in that chapter. We make use of this reference in order to avoid that the same requirement in repeated on different places in the same document. This is one of the writing principles of the GMP+ FC scheme 2020.

Commented [JvdK2]: Explanation for working group B:
This is a reference to TS 1.7/BA4. Chapter 1.4.2 in those documents contains the requirement to upload the analysis result within a month and to share the result anonymously with the GMP+ Community in the GMP+ Monitoring database. We make use of this reference in order to avoid that the same requirement in repeated at different places in the same document. This is one of the writing principles of the GMP+ FC scheme 2020.

Helpful tip :

More information about Salmonella can be found on the GMP+ International Portal (visit the Website -> click on Portal -> enter login -> click on items Tools ->Feed Support Products -> Fact sheets -> Undesirable substances – Salmonella).

Helpful tip :

Please note that competent authorities in countries where certified companies are located in or deliver to may require the serological classification of Salmonella-positive results.