

# DIN EN 17717:2025-03 (E)

## Plant biostimulants - Detection of Salmonella spp.

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
Introduction .....		5
1	Scope .....	6
2	Normative references .....	6
3	Terms and definitions .....	6
4	Principle .....	7
4.1	General .....	7
4.2	Enrichment in selective liquid medium .....	7
4.3	Plating out on selective solid media .....	7
4.4	Confirmation .....	7
5	Culture media, reagents, antisera .....	8
5.1	General .....	8
5.2	Isolation chromogenic agar .....	8
5.3	Non-selective agar .....	8
5.4	Confirmation selective agar .....	8
6	Equipment and consumables .....	8
7	Sampling .....	9
8	Preparation of test sample .....	9
9	Procedure .....	9
9.1	Test portion and initial suspension .....	9
9.2	Selective enrichment .....	10
9.3	Isolation .....	10
9.4	Confirmation .....	10
10	Expression of results .....	12
11	Performance characteristics of the method .....	12
11.1	Interlaboratory studies .....	12
11.2	Sensitivity .....	12
11.3	Specificity .....	13
11.4	Positive predictive value (PPV) .....	13
11.5	Negative predictive value (NPV) .....	13
12	Test report .....	13
Annex A (normative) Diagram of the procedures .....		14
Annex B (normative) Culture media and reagents .....		15
Annex C (informative) Examples of selective plating-out media .....		19
Annex D (informative) Method validation study and performance characteristics .....		21
Annex ZA (informative) Relationship of this European Standard and the essential requirements of Regulation (EU) 2019/1009 making available on the market of EU fertilising products aimed to be covered .....		
Bibliography .....		25