

ISO/TS 16782:2016-10 (E)

Clinical laboratory testing - Criteria for acceptable lots of dehydrated Mueller-Hinton agar and broth for antimicrobial susceptibility testing

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative reference	1
3	Terms and definitions	1
4	Requirements for Mueller-Hinton broth	3
4.1	Components of Mueller-Hinton broth	3
4.2	Physical and chemical characteristics	3
4.2.1	Dehydrated powder or granules	3
4.2.2	Prepared broth medium	4
4.2.3	Cation supplementation and content for MHB	4
4.2.4	Other medium components	4
4.2.5	Specific adjustments required by the manufacturer	4
4.3	Manufacturers protocol for testing production lots of dehydrated Mueller-Hinton broth	5
4.4	Interpreting the results	5
4.5	Evaluating the results	6
5	Requirements for Muller-Hinton agar	6
5.1	Components of Mueller-Hinton agar	6
5.2	Physical and chemical characteristics	6
5.2.1	Dehydrated powder or granules	6
5.2.2	Prepared agar medium	7
5.2.3	Cation supplementation and content for MHA	7
5.2.4	Other medium components	7
5.2.5	Specific adjustments required by the manufacturer	7
5.3	Manufacturer's protocol for testing production lots of dehydrated Mueller-Hinton agar	8
5.4	Interpreting the results	8
5.5	Evaluating the results	10
6	Testing new antimicrobial agents with production lots of dehydrated Mueller- Hinton broth or agar	11
Annex A (informative) Mueller-Hinton medium		12
Annex B (informative) Preparing control cultures		14
Annex C (informative) Suggested data sheet for testing of production lots		16
Annex D (informative) Label statement		19
Bibliography		20