

Technical Data Sheet

Product information

Product code	B161.65.0100
Product name	Bile Esculin Azide Agar
Short name	BEAA
Packing description (size, type, filling, amount)	100ml, Bottles, 100ml, 1pc(s)

Intended user

Storage Conditions

Storage temperature	2-25°C
Storage conditions	Keep the products in a low humidity environment, protected from moisture and light.
Shelf Life	See expiry date on the label (valid for closed packaging).
Shelf life after production	52 Weeks

Typical Composition *)

Ingredient	Amount of	Per liter
Tryptone	17	g
Peptic digest of meat	3	g
Yeast extract	5	g
Bacteriological ox bile	10	g
Sodium chloride	5	g
Esculin	1	g
Ferric ammonium citrate	0,5	g
Sodium azide	0,15	g
Bacteriological agar	13	g

*) Adjusted as required to meet performance standards.

Analytical Performance characteristics

pH	7,1 +/- 0,1
Colour	yellow

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Clear Yes
Particles No

Microbiological Performance

Conditions:

Name	Incubation time	Incubation temp (°C)	Environment	Transfer	Incubation time	Incubation temp (°C)	Environment
inc-A	18 to 24 hours	37 +/-1	Aerobic				

Name	Microorganism	Identification number	Method	Specification	Electivity
inc-A	Streptococcus pyogenes	ATCC 12358	Selectivity of solid media	Complete inhibition	
inc-A	Enterococcus faecium	ATCC 19434 WDCM 00010 NCTC 7171	Productivity of solid media	Growth >=50%	black with zone
inc-A	Staphylococcus aureus	ATCC 25923 WDCM 00034 NCTC 12981	Selectivity of solid media	Complete inhibition	
inc-A	Enterococcus faecalis	ATCC 29212 WDCM 00087 NCTC 12697	Productivity of solid media	Growth >=50%	black with black zone

Microbiological Contamination

	Incubation time	Incubation temp (°C)	Transfer	Incubation time	Incubation temp (°C)	Specification
Inc-a	44 to 52 hours	30 +/- 1				No growth

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