

Certificate of Analysis

Lysine Decarboxylase Agar

ML – 2204

Composition

	<u>g/lit</u>
Peptone	5
Yeast extract	3
Dextrose	1
L-Lysine	5
Bromo cresol purple	0.02
Agar	15

Appearance

	<u>Batch Values</u>
Clearness	clear
Colour	Purple coloured
pH(at 25°C)	6.8 ± 0.2

Microorganisms

	<u>ATCC</u>	<u>Growth</u>	<u>Lysine decarboxylase</u>
<i>Escherichia coli</i>	25922	+	±
<i>Salmonella typhimurium</i>	14028	+	+
<i>Proteus mirabilis</i>	25933	+	-

+: purple colour

-: yellow colour

±: variable

Directions

Suspend 29 gr/lit indistilled water. Boil to dissolve the medium completely. Dispense 5 ml into test tubes. Autoclave (15 min, at 15lbs pressure, 115 c).

Incubation:24 hrs:37°c

Result of control test is acceptable.