

Product: Bacteriological Agar

Catalog Number: i23006

Lot Number:

Date of Release:

Expiration Date:

Physical characteristics

- Appearance, color cream-white powder
- Melting point 85-95°C
- Gelling point 34-38°C
- Precipitation after autoclaving negative
- pH of a 1.5% gel after autoclaving 6.5-7.5
- Gel strength of 1.5% agar after autoclaving 500-700 g/cm²

Chemical characteristics

- Foreign substances less than 1.0%
- Starch absent
- Gelatin absent
- Sulfuric ash less than 6.0%
- Heavy metals less than 0.004%
- Lead less than 0.001%
- Arsenic less than 0.0003%
- Loss on drying less than 10.0%

BACTERIOLOGICAL CONTROL	
Microorganisms	Growth
Total aerobic mesophilic count	less than 5000 cfu/g
Heat resistant spores in 1 g	absent

QC Department