

PRODUCT INFORMATION

Dextrose

Cat. No. D04-113



ALPHA[™]
BIOSCIENCES

Date of Issue:
10/01/17

DESCRIPTION

Dextrose is a chemically pure monosaccharide. It is added to culture media as a source of energy for bacteria. For fermentation tests, dextrose is usually added at a concentration of 0.5 to 1.0%.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Test Type	Specification
Moisture	Max .2%
Purity	Min 99.8%
Residue Ignition	0.1% Max
Arsenic	1.0ppm Max
Heavy Metals	5.0 ppm Max
Sulfate	250.0 ppm Max

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.