

Murashige and Skoog Agar (MS)

Product Number: MS01

Product details

Formula of culture medium (per liter); pH5.7 ± 0.2(25°C)

Component	Weight
Potassium nitrate	1900.0mg
Dipotassium hydrogen phosphate	170.0mg
Calcium chloride	440.0mg
Boric acid	6.2mg
Zinc sulfate	8.6mg
Copper sulfate	0.025mg
Ferrous sulfate	27.8mg
Glycine	2.0mg
Pyridoxine Hydrochloride	0.5mg
Ethylenediaminetetraacetic acid Disodium salt	37.7mg
Agar	7000.0mg
Ammonium nitrate	1650.0mg
Magnesium sulfate	370.0mg
Potassium iodide	0.83mg
Manganese sulfate	22.30mg
Sodium molybdate	0.25mg
Cobalt chloride	0.025mg
Inositol	100mg
Thiamine hydrochloride	0.1mg
Niacin	0.5mg
Sucrose	30000.0mg

Instructions

Weigh 41.74g of this product, dissolve it in 1L of distilled water by heating, and sterilize it under high pressure at 115°C for 30 minutes for later use.

Application

Used for tissue culture of plants.