

Murashige and Skoog Modified Basal Salt Mixture



Cat. No. CUL-514

Lot. No. (See product label)

Product Name

Murashige and Skoog Modified Basal Salt Mixture

Product Overview

Murashige and Skoog medium can be reconstituted from powder or by combining products that are major components of complete M&S medium, such as macronutrient mixtures and vitamin mixtures. Murashige and Skoog Salt mixture contain the macronutrients and micronutrients of the original classic formulation without ammonium nitrate. It can be combined with M&S vitamins or Gamborg's vitamins and supplemented with sucrose, agar, auxins (IAA) and cytokinins (Kinetin) to generate a complete medium for growth plant tissue culture. This product is plant cell culture tested.

Description

Murashige and Skoog medium is a widely used plant tissue culture growth medium. M&S Basal Medium contains macronutrients that include high levels of nitrate and organic additives such as agar, sugars, vitamins and growth regulators. Important growth regulators frequently added to M&S include IAA (auxin/morphogen) and the Kinetin (cytokinin/cell division promoter).

Form

Powder

Synonyms

Murashige and Skoog Modified Basal Salt Mixture; w/o Ammonium Nitrate

Storage

Store at 2-8 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY