

Murashige and Skoog Basal Medium



Cat. No. CUL-511

Lot. No. (See product label)

Product Name

Murashige and Skoog Basal Medium

Product Overview

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). This product is plant cell culture tested.

Description

Murashige and Skoog medium has been used in plant tissue culture medium for plant transformation study.

Form

Powder

Notes

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 medium contains the micronutrients and vitamins of the original classic formulation. It can be supplemented with sucrose, agar, auxins (IAA) and cytokinins (Kinetin) to generate a complete medium for growth plant tissue culture.

Synonyms

MS Basal Medium

Storage

Store at 2-8 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY