

Technical Information

Hygromycin B Solution w/ 50 mg/ml Hygromycin B in sterile distilled water
Sterile filtered, Plant Culture Tested

Product Code: PCT2503

Product Information

Product Code	: PCT2503
Product Name	: Hygromycin B Solution w/ 50 mg/ml Hygromycin B In Sterile Distilled Water Sterile Filtered, Plant Culture Tested
Molecular Formula	: $C_{20}H_{37}N_3O_{13}$
Molecular Weight	: 527.52
CAS No	: 31282-04-9

Technical Specification

Appearance	: Brown colored, clear solution.
pH	: 9.00 - 11.00
Sterility	: No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.
Hygromycin B Potency	: 50 - 60 mg/ml
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus

00GHS Safety Information

Hazard Pictogram(s)	: H301-H311-H318-H330-H334
Precautionary Statement(s)	: P260-P280-P284-P301+P310-P305+P351+P338-P310
Signal Word	: Danger
Hazard Statement(s)	



Risk And Safety Information

R-Phrase(s)	: 26/27/28-41-42-43
S-Phrase(s)	: 23-26-28-36/37/39-45
WGK	: 3
RTECS	: WK2130000
Storage Temperature(°C)	: Store at 2-8°C

Transport Information

UN No.	: 2810
Class	: 6.1
Packaging Group	: 1
Marine Pollutant	: No
ADR/RID	: 2810 6.1/PG1
IMDG	: 2810 6.1/PG1
IATA	: 2810 6.1/PG1



Plant Culture
Tested



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.