**PCT1503**  
**Hygromycin B Solution**  
w/ 50 mg/ml Hygromycin B in sterile distilled water; Sterile filtered  
Plant Culture Tested

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**Product Information**

- **Product Code**: PCT1503  
- **Product Name**: Hygromycin B Solution; Plant Culture Tested  
- **Molecular Formula**: C₂₀H₃₇N₃O₁₃  
- **Molecular Weight**: 527.52  
- **CAS No.**: 31282-04-9  
- **Shelf Life**: 18 months

**Technical Specification**

- **Appearance**: Brown colored, clear solution
- **pH**: min. 9.00 max. 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

**GHS Safety Information**

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

The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such Information or with respect to any product, method or apparatus referred to herein.
**Transport Information**

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