

## Technical Information

### 2,3,5-Triiodobenzoic Acid (TIBA) Plant Culture Tested

Product Code: PCT1823

#### Product Information

Product Code	: PCT1823
Product Name	: 2,3,5-Triiodobenzoic acid (TIBA), Plant Culture Tested
Synonym	: TIBA
Molecular Formula	: $C_7H_3I_3O_2$
Molecular Weight	: 499.81
CAS No.	: 88-82-4

#### Technical Specification

Appearance	: Off-white to brown powder.
Solubility	: 33.3 mg soluble in 1 ml sodium hydroxide solution.
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
Melting range	: 220 - 234°C
Minimum assay (NaOH Titration/HPLC)	: 98.00 %

#### GHS Safety Information

Hazard Statement(s)	: H315+H319+H335
Precautionary Statement (s)	: P305+P351+P338
Signal Word	: Warning
Hazard Pictogram(s)	

GHS07

#### Risk and Safety Information

R-Phrase(s)	: 22
S-Phrase(s)	: 22-26-36
WGK	: 3
RTECS	: DH9275000
Storage Temperature(°C)	: Store at 2 - 8°C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods



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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