

PCT0823 2,3,5-Triiodobenzoic acid (TIBA), Plant Culture Tested**Product Number Packing**

PCT0823 : 5G

Product Information

Product Code : PCT0823
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
EC No. : 201-859-6
HS Code : 2916 39 00
Shelf Life : 3 years

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 ($60\pm 2\%$), Temperature ($25\pm 2^\circ C$), 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
FTIR (KBr disc) : Matches with the standard pattern
Melting range : $220 - 234^\circ C$
Assay (NaOH Titration/HPLC) : 98.00 - 102.00%

GHS Safety Information

Hazard Statement(s) : H302
Signal Word : Warning
Hazard Pictogram(s)

**Risk and Safety Information**

R-Phrase(s) : 22
S-Phrase(s) : 22-26-36
WGK : 3
RTECS : DH9275000
Storage Temperature($^\circ C$) : Store at $2 - 8^\circ C$
Hazard Symbol(s)





Product Information

Transport Information

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

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