

**PCT0807      N<sup>6</sup>-(2-Isopentenyl)adenine, Plant Culture Tested****Product Number****Packing**

PCT0807	: 1G
PCT0807	: 5G

**Product Information**

Product Code	: PCT0807
Product Name	: N <sup>6</sup> -(2-Isopentenyl)adenine, Plant Culture Tested
Synonym	: 6-(γ, γ-Dimethylallylamino)purine
Molecular Formula	: C <sub>10</sub> H <sub>13</sub> N <sub>5</sub>
Molecular Weight	: 203.24
CAS No.	: 2365-40-4
HS Code	: 2933 99 00
Shelf Life	: 3 years

**Technical Specification**

Appearance	: White to tan crystals or powder
Solubility	: 33.3 mg soluble in 1 mL of 1N 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	: 190 - 212°C
Assay (GC/NT)	: 98.00 - 102.00%

**Risk and Safety Information**

WGK	: 3
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