HIMEDIA

Product Information

PCT0802 6-Benzyladenine, Plant Culture Tested

Product Number		Packing
PCT0802	:	1G
PCT0802	:	25G
PCT0802	:	5G

Product Information

Product Code	:	PCT0802
Product Name	:	6-Benzyladenine, Plant Culture Tested
Synonym	:	6-Benzylaminopurine; 6-BAP
Molecular Formula	:	$C_{12}H_{11}N_5$
Molecular Weight	:	225.25
CAS No.	:	1214-39-7
EC No.	:	214-927-5
HS Code	:	2930 04 01
Shelf Life	:	3 years

Technical Specification

Appearance	:	White to light yellow crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of 1M sodium hydroxide
Cultural response	:	Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2ºC), 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	:	226 - 236°C
Assay (NT/HPLC)	:	98.00 - 101.00 %

GHS Safety Information

Hazard Statement(s)	:	H315-H319-H335
Precautionary Statement(s)	:	P261-P305+P351+P338
Signal Word	:	Warning
Hazard Pictogram(s)		

Risk and Safety Information

R-Phrase(s)	:	36/37/38
S-Phrase(s)	:	26-36
WGK	:	2
RTECS	:	AU6252200
Storage Temperature(°C)	:	Store at 2 - 8°C

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Hazard Symbol(s)

Transport Information

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

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