
Caffeine anhydrous

PCT1544

Plant Culture tested

Product Identifier

CAS No.	:	58-08-2
EC No.	:	200-362-1
Molecular Formula	:	C ₈ H ₁₀ N ₄ O ₂
Molecular Weight	:	194.19
HS Code	:	2939 30 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to light yellow crystals or powder
Solubility	:	Clear solution at 10 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Melting range	:	233 - 239°C
Assay (HPLC/NT)	:	98.00 - 102.00%
Plant Tissue Culture Test	:	Passes

Safety Information

Hazard Pictogram(s) :



Signal Word	:	Warning
Hazard Statement(s)	:	H302
Precautionary Statement(s)	:	P264- P270- P301 + P312- P330- P501
UN No.	:	1544
Class	:	6.1
Packing Group	:	III
RTECS	:	EV6475000