

2,4-Dichlorophenoxyacetic acid, Plant Culture Tested

PCT0825

Product Identifier

CAS No.	:	94-75-7
EC No.	:	202-361-1
Molecular Formula	:	C ₈ H ₆ Cl ₂ O ₃
Molecular Weight	:	221.04
Synonym	:	2,4-D
HS Code	:	2918 99 00
Storage	:	Below 30°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to tan crystals or powder or flakes
Solubility	:	Clear solution at 33.3 mg in 1 mL of alcohol
FTIR	:	Matches with the standard pattern
Melting range	:	136 - 140°C
Assay (NaOH Titration / HPLC)	:	98.00 - 103.50%
Plant Tissue Culture Test	:	Passes

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H302- H317- H318- H335- H410
Precautionary Statement(s)	:	P261- P273- P280- P305+P351+P338+P310
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	AG6825000
WGK	:	2