

PCT0212 Pyridoxine hydrochloride (Vitamin B6 hydrochloride)
Plant Culture Tested

Product Number Packing

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|---------|-------|
| PCT0212 | : 10G |
| PCT0212 | : 25G |

Product Information

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|-------------------|--------------------------------------------------|
| Product Code | : PCT0212 |
| Product Name | : Pyridoxine hydrochloride; Plant Culture Tested |
| Synonym | : Vitamin B6 hydrochloride |
| Molecular Formula | : $C_8H_{11}NO_3 \cdot HCl$ |
| Molecular Weight | : 205.64 |
| CAS No. | : 58-56-0 |
| EC No. | : 200-386-2 |
| HS Code | : 2936 25 00 |
| Shelf Life | : 3 years |

Technical Specification

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| Appearance | : White to off-white crystals or powder |
| Solubility | : 33.3 mg soluble in 1 mL of water |
| pH (10% in water at 25°C) | : 2.50 - 3.50 |
| 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 | : 214 - 215°C |
| FTIR (KBr disc) | : Matches with the standard pattern |
| Assay (NaOH Titration) | : min. 99.00 % max. 102.00 % |

Risk and Safety Information

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| WGK | : 2 |
| RTECS | : UV1350000 |
| Storage Temperature(°C) | : Store at 2 - 8°C |

Transport Information

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