

Technical Information

Sodium Pyruvate Plant Culture Tested

Product Code: PCT1503

Product Information

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| Product Code | : PCT1503 |
| Product Name | : Sodium Pyruvate, Plant Culture Tested |
| Synonym | : Pyruvic acid sodium salt; α -Ketopropionic acid sodium salt; 2-Oxopropanoic acid sodium salt |
| Molecular Formula | : $C_3H_3O_3Na$ |
| Molecular Weight | : 110.04 |
| CAS No. | : 113-24-6 |

Technical Specification

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| Appearance | : White to faint yellow crystals or crystalline powder. |
| Solubility | : Soluble in water. |
| 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 |
| Chloride (Cl) | : ≤ 0.05% |
| Iron (Fe) | : ≤ 0.0005% |
| Loss on drying (at 105°C, 2hrs.) | : ≤ 0.5% |
| Sulphate (SO ₄) | : ≤ 0.05% |
| Minimum assay (NT) | : 99.00 % |

Risk And Safety Information

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|-------------------------|--------------------|
| WGK | : 3 |
| RTECS | : -- |
| Storage Temperature(°C) | : Store below 30°C |

Transport Information

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

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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