

Technical Information

Inositol Plant Culture Tested

Product Code: PCT1208

Product Information

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|-------------------|----------------------------------|
| Product Code | : PCT1208 |
| Product Name | : Inositol, Plant Culture Tested |
| Synonym | : meso-Inositol; myo-Inositol |
| Molecular Formula | : $C_6H_{12}O_6$ |
| Molecular Weight | : 180.16 |
| CAS No. | : 87-89-8 |

Technical Specification

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|---------------------------------|---|
| Appearance | : White 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 |
| Melting range | : 222 - 227°C |
| Chloride (Cl) | : ≤ 0.005% |
| Heavy metals (as Pb) | : ≤ 0.002% |
| Loss on drying (at 110° C, 4Hr) | : ≤ 0.5% |
| Residue on ignition | : ≤ 0.1% |
| Iron (Fe) | : ≤ 0.0005% |
| Sulphate (SO ₄) | : ≤ 0.006% |
| Minimum assay (GC) | : 98.00% |

Risk And Safety Information

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|-------------------------|--------------------|
| WGK | : 2 |
| 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 |



Plant Culture
Tested



Product Specification

cdhfinechemical.com

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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