

Technical Information

D-(+)-Galactose Plant Culture Tested

Product Code: PCT1602

Product Information

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| Product Code | : PCT1602 |
| Product Name | : D-(+)-Galactose, Plant Culture Tested |
| Molecular Formula | : $C_6H_{12}O_6$ |
| Molecular Weight | : 180.16 |
| CAS No. | : 59-23-4 |

Technical Specification

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|--|---|
| Appearance | : White crystalline powder. |
| Solubility | : Freely soluble in boiling water, slightly soluble in alcohol and insoluble in Chloroform and ether. |
| Clarity | : 5% w/v solution in boiling water is clear |
| 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 |
| Calcium (Ca) | : ≤0.01% |
| Loss on drying (at 105°C) | : ≤0.2% |
| Sulphated ash | : ≤0.10% |
| Sulphate (SO ₄) | : ≤0.02% |
| Minimum assay (on dry basis) | : 99.00 % |
| Specific rotation (α) ²⁰ _D | : +80 ± 1° |

Risk And Safety Information

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|-------------------------|--------------------|
| WGK | : 3 |
| RTECS | : LW5490000 |
| 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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