

## Technical Information

### D-(+)-Galactose Plant Culture Tested

Product Code: PCT1602

#### Product Information

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

Appearance	: White to off-white crystals or crystalline powder.
Solubility	: 5% solution in water is clear and colourless.
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 <sub>4</sub> )	: ≤0.02%
Minimum assay (GC)	: 99.00 %
Specific rotation ( $\alpha$ ) <sup>20</sup> <sub>D</sub>	: +80 ± 1°

#### Risk And Safety Information

WGK	: 3
RTECS	: LW5490000
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

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.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

Replace date 22-Apr-2026