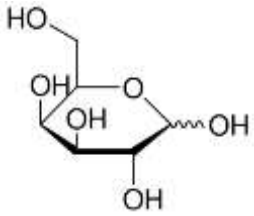
Product Specification

cdhfinechemical.com

D-GALACTOSE

PRODUCT CODE	**038026**
SYNONYMS	--
C.I. NO.	--
CASR NO.	**(59-23-4)**
ATOMIC OR MOLECULAR FORMULA	**$C_6H_{12}O_6$**
ATOMIC OR MOLECULAR WEIGHT	**180.16**
PROPERTIES	**Diagnostic aid (heptic function)**



PARAMETER	LIMIT
Description	White to off-white crystals or crystalline powder.
Solubility	5% solution in water is clear and colourless.
Minimum assay (GC)	99.00%
Melting Point	165°- 170°C
pH 10% solution in water	5.00 -7.00
Specific Rotation (α) $\frac{20^\circ}{D}$ (C=10, in water)	+79° to +81°

MAXIMUM LIMIT OF IMPURITIES	
Water	1.0%
Glucose (TLC)	1.0%
Lead (Pb)	0.001%
Sulphated Ash	0.1%

Note(s) : Assay (if applicable) method mentioned.

WARNING
Hazard statements: Not hazardous. No hazards.
Precautionary statements
Prevention: ----------
Responce:

IMDG Code :--
UN No. :--
IATA :--

Disposal:-----

Hazard Pictogram(s) :

Replace date 22-Apr-2026