

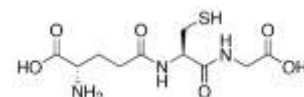


Product Specification

cdhfinechemical.com

L-GLUTATHIONE REDUCED FOR MOLECULAR BIOLOGY

PRODUCT CODE	939200
SYNONYMS	γ -L-Glutamyl-L-cysteinyl-glycine; GSH
C.I. NO.	--
CASR NO.	70-18-8
ATOMIC OR MOLECULAR FORMULA	$C_{10}H_{17}N_3O_6S$
ATOMIC OR MOLECULAR WEIGHT	307.32
PROPERTIES	Store at 2 - 8°C



PARAMETER	LIMIT
Description	White to nearly white crystalline powder.
Solubility	2% solution in water is clear and colourless.
Minimum assay (Iodimetry)	98.00%
Specific rotation (α) ²⁰ _D (c = 4% in water)	-15.5° to -17.5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C, 3 hrs)	0.5%
Sulphated ash	0.1%
DNase, RNase	None detected.

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

IMDG Code : --

UN No. : --

IATA : --

Disposal:-----

Hazard Pictogram(s) :-----

Replace date 06-Jan-2026