

[Jump to Website](#)

[Request Quote](#)

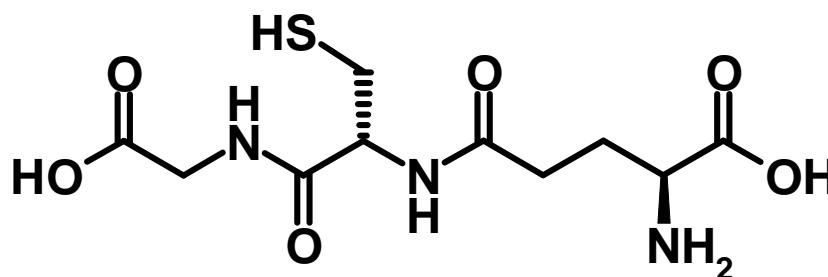
## Product Specifications

### L-Glutathione (Reduced)

CAS 70-18-8

Syn: 5-L-Glutamyl-L-cysteinylglycine; GSH

Structure:



Mol. Formula  
Source

$C_{10}H_{17}N_3O_6S$   
*Fermentation*

Mol. Wt.

307.32

---

---

#### *Test*

#### *Specification*

---

---

<b>Identity</b>	IR
<b>Appearance</b>	White microcryst. solid
<b>Mp</b>	~ 185 °C (dec.) (lit.)
<b>Sp. Rot., [<math>\alpha</math>]<sub>D</sub></b>	-15.5° to -17.5° (c=2, H <sub>2</sub> O)
<b>Assay (hplc)</b>	98% to 101%
<b>Total Impurities</b>	≤ 2%
L-Glutathione (Oxidized)	≤ 1.5%
<b>LOD</b>	≤ 0.5%
<b>Ash (residue on ignition)</b>	≤ 0.1%
<b>Heavy metals</b>	≤ 10 ppm
As	≤ 2 ppm

**Storage:** Maintain in cool, dry containment.