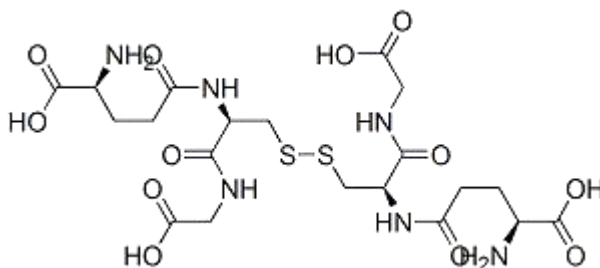


## Glutathione Specifications & Properties

### Glutathione Basic information

Product Name:	Glutathione
Synonyms:	glutathion;glutathione;glutide;glutinal;isethion;l-glutathione;N(N-L-γ-Glutamyl-L-cysteinyl)glycine;n-(n-l-γ-glutamyl-l-cysteinyl)-glycin
CAS:	<b>70-18-8</b>
MF:	C20H32N6O12S2
MW:	612.63
EINECS:	200-725-4



### Glutathione Chemical Properties

Melting point	192-195 °C (dec.)(lit.)
alpha	-16.5 ° (c=2, H2O)
density	1.4482 (rough estimate)
refractive index	-17 ° (C=2, H2O)
storage temp.	2-8°C
solubility	H <sub>2</sub> O: 50 mg/mL
form	powder
pka	pK1 2.12; pK2 3.53; pK3 8.66; pK4 9.12(at 25°C)
color	White
PH	3 (10g/l, H2O, 20°C)
Water Solubility	soluble
Merck	14,4475
BRN	1729812
Stability:	Stable. Incompatible with strong oxidizing agents.

Please contact MainChem Co, Ltd. for any questions regarding Glutathione.  
We would be happy to provide a quote, a sample, or further information regarding its.  
Please Contact us by [sale@mainchem.com](mailto:sale@mainchem.com).