



# TANABE U.S.A., INC.

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## PRODUCT DATA SHEET

### Glutathione Reduced Type [N-(N-L- $\gamma$ -Glutamyl-L-Cysteinyl)-Glycine]

CAS No. [70-18-8]

$C_{10}H_{17}N_3SO_6$

M.W.: 307.33

#### SPECIFICATIONS

Melting point	:	185°C (decomp.)
Solubility in water	:	Appreciable (>10%)
Appearance	:	White, crystalline powder
Identification (1) (2) (3)	:	Conform
Specific rotation $[\alpha]^{20}_D$	:	-15.5 – -17.5°
Clarity and color of solution	:	Clear and colorless
Heavy metals	:	Not more than 10ppm
Arsenic	:	Not more than 2ppm
Related substances	:	Conform
Loss on drying	:	Not more than 0.5%
Residue on ignition	:	Not more than 0.10%
Assay	:	Not less than 98.0%
Packing & Storage	:	Keep in a cool and dry place away from moisture and sun light