

## L-Cystine dihydrochloride (From non-animal source), Cell Culture Tested

**TC062**

### Product Identifier

CAS No.	:	30925-07-6
EC No.	:	250-391-9
Molecular Formula	:	$C_6H_{12}N_2O_4S_2 \cdot 2HCl$
Molecular Weight	:	313.22
HS Code	:	2930 90 40
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White to beige powder.
Solubility	:	Clear to yellow solution at 5gm in 100ml of 2M HCl.
FTIR	:	Matches with the standard pattern
Specific rotation	:	-174° to -163° (c = 2% in 1N HCl at 20°C)
Nitrogen content	:	8.60 - 9.20%
Assay (HPLC/AT)	:	98.50 - 102.00%
Cell Culture Test	:	Passes

### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3