Technical Information

L-Cysteine Hydrochloride (From Non-Animal Source)
Cell Culture Tested

Product Code:TC1058

Product Information

Product Code	:	TC1058
Product Name	:	L-Cysteine Hydrochloride (From Non-Animal Source),Cell Culture Tested
Molecular Formula	:	$C_3H_7NO_2S.HCl.H_2O$
Molecular Weight	:	175.63
CAS No.	:	7048-04-6

Technical Specification

Appearance	:	White crystals or crystalline powder.
Solubility	:	10gm soluble in 100ml of water is clear colorless solution.
Minimum assay	:	98.50%
pH of 1% solution in water	:	1.50 -2.00
Specific rotation (α) $^{20}_D$	:	+6.1° to +7.8°
Chloride (Cl)	:	19.89 to 20.29%
Ammonium (NH_4)	:	<= 0.02%
Sulphate (SO_4)	:	<= 0.02%
Iron (Fe)	:	<= 0.001%
Heavy metals (Pb)	:	<= 0.001%
Arsenic (As)	:	<= 0.0001%
Residue on ignition	:	<= 0.1%
Loss on drying	:	8.5 to 12.0%
Other amino acids	:	Conforms
Cell Culture Test	:	Passes test

Risk And Safety Information

WGK	:	--
RTECS	:	--
Storage Temperature(°C)	:	Store below 30°C

Transport Information

Marine Pollutant	:	No
ADR/RID	:	Not Dangerous Goods
IMDG	:	Not Dangerous Goods
IATA	:	Not Dangerous Goods

Product Specification
cdhfinechemical.com

Animal Cell Culture Tested