bcf Life Sciences

Traced & Innovative Amino Acids

Traced L-Cystine
Screened 250 □m

Version 1 – 03/2016

$C_6H_{12}N_2O_4S_2$
M_r : 240,30
N° CAS : 56-89- 3
N° EINECS : 200-296- 3

Nature

Natural L-CYSTINE, extracted from natural keratin

Description

White or almost white crystalline powder, tasteless, odorless.
Very low soluble in water or alcohol

Particle size

Less than 250µm

Specifications

Specific rotation	at 20°C : -218° t o -224°
Appearance of solution (C=2,5 ; 2N HCl)	clear and not more intensely coloured than Y_7
Chlorides	≤ 200 ppm
Ammonium	≤ 200 ppm
Sulfates	≤ 300 ppm
Iron	≤ 10 ppm
Heavy metals	≤ 10 ppm
Lead	≤ 10 ppm
Ninhydrin positive substances (TLC)	≤ 0.2%
Loss on drying	≤ 0.2%
Sulfated ash	≤ 0.1%
Assay	98,5% to 101,0%

Compliance

European Pharmacopoeia (8th edition, 2014)

Storage

Keep closed and store in a dry place at room temperature
Shelf-life: 4 years

Packaging

Fiber drum and paper bag with inner PE bags (Food and Eur. Ph. grade)
Net weight: 25 Kg

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