bcf Life Sciences

Traced & Innovative Amino Acids

Traced L-Cystine micronized

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 100µm

Specifications

Specific rotation	at 20°C: -218° to -224°
Chlorides	≤ 200 ppm
Ammonium	≤ 200 ppm
Sulfates	≤ 300 ppm
Iron	≤ 10 ppm
Heavy metals	≤ 5 ppm
Lead	≤ 5 ppm
Ninhydrin positive substances (TLC)	≤ 0.2%
Loss on drying	≤ 0.2%
Sulfated ash	≤ 0.1%
Assay	98,5% to 101,0%

Compliance

FCC VIII

Storage

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

Packaging

Fiber drum with 2 inner PE bags (Food and Eur. Ph. grade)
Net weight: 25 Kg

Boisel - 56140 Pleucadeuc - France
Tél. +33 (0)2 97 26 91 21
Fax +33 (0)2 97 26 90 46
contact@bcf-lifesciences.com

Non contractual document

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