

# Specification

Item number: 1695

## L-Cystine

**CELLPURE® ≥98,5 %**

CAS No.: 56-89-3

print date: 01.01.2022

formula:  $C_6H_{12}N_2O_4S_2$

density: 1,68

molecular weight: 240,30 g/mol

### Guarantee analysis

Endotoxins	≤0.5 E.U./mg
Assay	≥98.5 %
Loss on drying	≤0.2 %
Specific rotation $[\alpha]_D^{20}$	-225° to -215°
Chloride (Cl)	≤0.05 %
Sulphate (SO <sub>4</sub> )	≤0.02 %
Heavy metals (as Pb)	≤0.001 %
Arsenic (As <sub>2</sub> O <sub>3</sub> )	≤0.0001 %
Iron (Fe)	≤0.001 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

Head of Quality Assurance

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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