

22/02/2024

Certificate of Analysis

Formula Hill: $C_5H_{11}NO_2S$

Molar Mass: 149.21 g/mol

CAS N°: 59-51-8

Date of Print: 13 December 2023

108400 DL-Methionine, Ph. Eur.

Batch: K-481152

Analysis Nb: 7.353

	Specification	Batch values	Method
Assay (dried subs)	99,0 - 101,0 %	99,2 %	Ph. Eur.
Identity	conforms	conforms	Ph. Eur.
Appearance			
- Crystalline powder	conforms	conforms	Ph. Eur.
- Almost white	conforms	conforms	Ph. Eur.
Appearance of solution	conforms	conforms	Ph. Eur.
pH	5,4 - 6,1	5,7	Ph. Eur.
Solubility	conforms	conforms	Ph. Eur.
Chloride (Cl)	$\leq 0,0200$ %	$< 0,0200$ %	Ph. Eur.
Sulfate (SO ₄)	$\leq 0,0200$ %	$< 0,0200$ %	Ph. Eur.
Related substances (TLC)	$\leq 0,2$ %	$< 0,2$ %	Ph. Eur.
Loss on drying (105°C)	$\leq 0,5$ %	$< 0,1$ %	Ph. Eur.
Sulfated ash	$\leq 0,1$ %	$< 0,1$ %	Ph. Eur.

Release date: 13 December 2023

Minimum shelf life: 12 December 2028

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur. specification

Purchaser must determine the suitability of the product for its particular use. The values given on the "Certificate of Analysis" are the results determined at the time of analysis