

Methionine-dl

CODE ARTICLE: 97485	BATCH: 0128398
TEST DATE: 07/06/2024	TEST: QC-00265163
EXPIRY DATE: 15/12/2026	FABRICATION DATE: 16/12/2023
CAS: 59-51-8	MR: 149,20
SYNONYMS / BOTANICAL NAME: Ac.d,l-2-amino-4-(metiltio)butírico	
STORAGE: Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	PASS -			Crystalline powder	PH.EUR.*
COLOUR	PASS -			White	PH.EUR.*
<u>SOLUBILITY</u>					
SOLUBLE	PASS -			Sparingly soluble in water	PH.EUR.*
SOLUBLE	PASS -			Very slightly soluble in ethanol (96 per cent)	PH.EUR.*
SOLUBLE	PASS -			In acid solutions and dilute solutions of alkali hydroxides	PH.EUR.
<u>IDENTIFICATION</u>					
IDENTIFICATION A (IR SPECTRUM)	PASS				PH.EUR.*
IDENTIFICATION C (SPECIFIC ROTATION)	0,00 DEGREES		-0,05	0,05	PH.EUR.
DISSOLUTION ASPECT	PASS -			Clear and colourless	PH.EUR.
PH	5,7 -		5,4	6,1	PH.EUR.*
RELATED SUBSTANCES	PASS %			0,2	PH.EUR.
CHLORIDES	<200 ppm			200	PH.EUR.
SULPHATES	<200 ppm			200	PH.EUR.
LOSS ON DRYING	0,11 %		-	0,5	PH.EUR.
SULPHATED ASHES	0,06 %		-	0,1	PH.EUR.
ASSAY	99,3 %		99	101	PH.EUR.
HEAVY METALS	<10 MG/KG			10	Manufacture's Standard
ARSENIC	<1 MG/KG			2	Manufacture's Standard
LEAD	<1 MG/KG			3	Manufacture's Standard
MERCURY	<0,1 MG/KG			0,1	Manufacture's Standard
CADMIUM	<1 MG/KG			1	Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11				Manufacture's Standard

NON-sterile

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (*) are verified in Guinama.

Manufacturer Batch: CP2923121601 Supplier Code: 405647

GUINAMA S.L. Calle Oslo, 3 46185 La Pobla de Vallbona (Valencia) Spain
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TEST DATE: 07/06/2024	TEST: QC-00265163	
EXPIRY DATE: 15/12/2026	FABRICATION DATE: 16/12/2023	MR: 149,20
CAS: 59-51-8	FORMULA: C5H11NO2S	
SYNONYMS / BOTANICAL NAME: Ac.d,l-2-amino-4-(metiltio)butirico		
STORAGE: Store in tightly closed containers in a cool, dry place.		

TEST	RESULTS	Units	MIN	MAX	METHOD
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The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE

Silvia Sancho-Tello Ripoll
Technical Director.

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