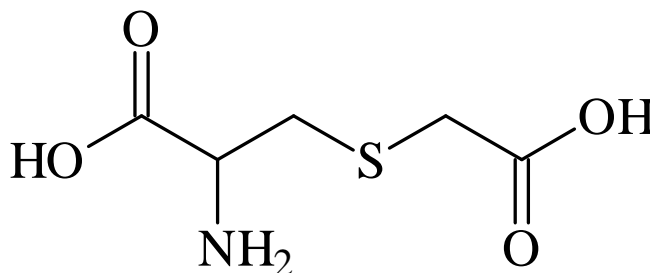


# L-CARBOCYSTEINE

Eur. Ph.



Globe Reference:  
CPE 5010007

Formula	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> S M.W. 179.2 (R)-2-amino-3-[(carbomethyl)thio]propanoic acid
Action and use	Mucolitic; expectorant
Characteristics	White crystalline powder
Solubility	Conform
Identification	
A - Specific Rotation	Conform
B - Infrared absorption spectrum or A - Specific Rotation	Conform
C - Thin-layer Chromatography	Conform
D - .	Positive
Essays	
• Aspect of solution	Clear, not more than B9
• pH determination	2.8 to 3.0
• Specific rotation	-32.5° to -35.5°
• Ninhydrin-positive substances	Not more than 0.5 per cent
• Chlorides	Not more than 0.15 per cent
• Sulphates	Not more than 300 ppm
• Heavy metals	Not more than 10 ppm
• Loss on drying	Not more than 0.5 per cent
• Sulphated ash	Not more than 0.3 per cent
Assay	
• L-Carbo-cysteine in g by 100g of dried substances	98.5 to 101.0 per cent
Storage	In well - closed containers
Packaging	40 Kg fiber drum with double polyethylene bags



**GLOBE QUÍMICA**  
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SYSTEM OF MANAGEMENT QUALITY ISO-9001/2000

CERTIFICATE COMPANY IN GOOD MANUFACTURING  
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