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Product Specifications

Catalogue Number	00629
Product	S-Carboxymethyl-L-cysteine L-Cys(carboxymethyl)-OH (R)-2-Amino-3-(carboxymethylthio)propionic acid
CAS Number	638-23-3
Molecular Formula	C ₅ H ₉ NO ₄ S
Molecular Weight	179.19

Appearance	Almost white crystalline powder or small flakes
Heavy Metals	≤ 10 ppm
Anion	Chloride : ≤ 0.15% Sulfate : ≤ 300 ppm
pH	2.8 - 3.0
Optical Rotation	[α] _D ²⁰ = -35.5 to -32.5 °
Loss on Drying	≤ 0.50%
Sulfated Ash	≤ 0.30%
Assay	98.5 - 101.0%
Grade	EP
Storage	Store at 0-8°C
Additional Information	State of solution : Clear and colorless Ninhydrin positive substances : ≤ 0.5%

For Laboratory Use Only