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Certificate of Quality

Product Name: EGTA

Ethyleneglycol bis(2-aminoethyl ether)-N,N,N',N' tetraacetic acid. A calcium specific chelator. Because of its low affinity for Mg⁺, EGTA inhibits metalloproteases. Soluble in water, more soluble as pH increases. Typical solution: 100mM EGTA in 100mM NaOH.

Product Code:	A2506	CAS #:	67-42-5
Grade:	Ultra Pure	Formula:	C ₁₄ H ₂₄ N ₂ O ₁₀
Appearance:	White powder	MW:	380.35
Reassay Date:	3 years after shipping date	Lot#:	See product label
Storage:	Store at room temperature. Protect from moisture.		

TEST	SPECIFICATION	RESULT
Assay	99%-101.0%	Passes
Melting Point	240.0°C-244.0°C	Passes
Heavy Metals	≤ 5 ppm	Passes
Moisture (LOD)	≤ 2%	Passes
Chloride ion	≤ 50 ppm	Passes

Data Verified by M. He.

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