



Version	2
Molecular weight	190.16
Molecular formula	C6 H10 N2 O5
CAS No	26239-55-4
Linear formula	H2NCOCH2N(CH2CO2H)2

Certificate of Analysis

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Catalog Number	22801	Quality Test / Release Date	04.June.2024
Description	ADA, 99%, for biochemistry	Suggested Retest Date	June.2029
Lot Number	5004Q20R		
Country of Origin	China		
Declaration of Origin	/		
Origin Comment	/		

Result Name	Specifications	Test Value
Appearance (Color)	White to almost white	White
Appearance (Form)	Crystalline powder	Powder
Infrared spectrum	Conforms	Conforms
Titration with NaOH	$\geq 98.5\%$	100.6%
Loss on drying	$\leq 0.5\%$ (110°C, 5 hrs)	0.43%
Heavy metals (as Pb)	≤ 5 ppm	3.93ppm
Sulfated ash	$\leq 0.1\%$	0.02%
Iron (Fe)	≤ 5 ppm	< 0.01 ppm
UV(9 % in 1 M NaOH)	at 300 nm A: ≤ 0.08	0.051
Appearance of solution	(9% soln. 1 M NaOH) clear, colorless	Clear colorless

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