Fisher Scientific L.L.C. US
1 Reagent Lane
Fair Lawn,
NJ 07410, United States of America

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	J16407
Lot Number	255634
Description	GLYCINE, MOLECULAR BIOLOGY GRADE, ULTRAPURE
CAS Number	56-40-6
Quality Test/Release Date	19/Dec/2025
Suggested retest date	30/Sep/2030
Country of Origin	India
Declaration of Origin	Organic - Synthetic
BSE/TSE	BSE/TSE Free

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystals
ABSORBANCE 1M SOL AT 260NM		<= 0.05	0.025
ABSORBANCE 1M SOL AT 280NM		<= 0.05	0.020
ARSENIC (As)	ppm	<= 1	<1
ASSAY (DRY BASIS)	%		99.8
BARIUM (Ba)	ppm	<= 1	<1
CADMIUM (Cd)	ppm	<= 1	<1
CHLORIDE	ppm	<= 50	<50
COPPER (Cu)	ppm	<= 1	<1
DNASE (ENDO)	PASS/FAIL	= PASS TEST	PASS TEST
DNASE (EXO)	PASS/FAIL	= PASS TEST	PASS TEST
HYDROLYZABLE SUBSTANCES	PASS/FAIL	= PASS TEST	PASS TEST
IDENTIFICATION, I.R.	Matches Reference	= MATCHES REFERENCE	MATCHES REFERENCE
IRON (Fe)	ppm	<= 1	<1
LEAD (Pb)	ppm	<= 1	<1
LOSS ON DRYING	%	<= 0.2	0.05
MAGNESIUM (Mg)	ppm	<= 5	<1
MANGANESE (Mn)	ppm	<= 1	<1
RESIDUE AFTER IGNITION	%	<= 0.1	<0.1
RNASE	PASS/FAIL	= PASS TEST	PASS TEST
SULFATE (SO4)		<= 50	<50
ZINC (Zn)	ppm	<= 1	<1



Harout Sahagian
QC Manager

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

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