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	G48
Lot Number	253880
Description	GLYCINE USP
CAS Number	56-40-6
Quality Test/Release Date	19/Nov/2025
Suggested retest date	31/Oct/2029
Country of Origin	China
Declaration of Origin	Organic - synthetic
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystalline granules or powder
ASSAY	%	Inclusive Between 98.5 - 101.5	99.7
CHLORIDE	%	<= 0.007	<0.003
DIGLYCINE	%	<= 0.1	<0.1
GLYCINE ANHYDRIDE	%	<= 0.1	<0.1
HEXAMETHYLENETETRAMINE	%	<= 0.1	<0.1
HYDROLYZABLE SUBSTANCES	PASS/FAIL	= PASS TEST	PASS TEST
IDENTIFICATION (ALL LISTED)	PASS/FAIL	= PASS TEST	PASS TEST
IGNITION RESIDUE	%	<= 0.1	0.008
IMINODIACETIC ACID	%	<= 0.1	0.1
LOSS ON DRYING PER USP	%	<= 0.2	0.11
RESIDUAL SOLVENTS	PASS/FAIL	= PASS TEST	PASS TEST
SULFATE (SO4)	%	<= 0.0065	<0.0065
TRIGLYCINE	%	<= 0.1	<0.1
USP TOTAL IMPURITY	%	<= 1.0	0.1

Harout Sahagian
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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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