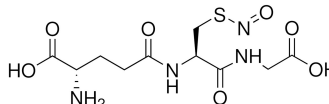


Certificate of Analysis

Product Name : S-Nitrosoglutathione ≥97%
Product Number : N4148-25MG-PW
Batch Number : 0000087108
 Source Batch : 0000078007
 CAS Number : 57564-91-7
 Storage Temperature : Freezer -20°C
 Molecular Formula : C₁₀H₁₆N₄O₇S
 Formula Weight : 336.32
 Recommended Retest Date : Oct 2021
 Quality Release Date : 17 Feb 2020



Test	Specification	Result
Appearance (Form)	Powder	Powder
Appearance (Color)	Pink	Pink
Solubility (Solvent)	Water	Water
Solubility (Conc)	19.60 - 20.40 mg/ml	20.02 mg/ml
Solubility (Heating)	Yes or No	No
Solubility (Turbidity)	Clear	Clear
Solubility (Color)	Orange/Red/Pink	Orange
Water (by Karl Fischer)	≤ 5.00 %	2.03 %
Elemental Anal. (%C Anhydrous)	35.20 - 36.20 %	35.41 %
Elemental Anal. (%N Anhydrous)	15.60 - 17.60 %	15.87 %
NMR (Solvent)	DMSO-d6	DMSO-d6
Identity by NMR	Consistent	Consistent with Control
NMR (% Purity)	≥ 97.00 %	100.00 %
NMR (Residual Solvent 1)	Acetone	Acetone
NMR (% Solvent 1)	≤ 2.00 %	0.86 %
Storage Conditions	Under Argon	Under Argon

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

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