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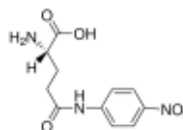
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Product Specification

Product Name:
L-Glutamic acid γ -(4-nitroanilide) - γ -glutamyl transpeptidase substrate

Product Number: G1135
CAS Number: 7300-59-6
MDL: MFCD00036218
Formula: C₁₁H₁₃N₃O₅ · H₂O
Formula Weight: 285.25 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Color)	White to Green-Yellow and Faint Yellow to Light Yellow and Faint Beige
Appearance (Form)	Powder
Solubility (Color)	Very Faint Yellow to Light Yellow to Light Brown
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, Formic Acid	
Water (by Karl Fischer)	≤ 9.0 %
Infrared spectrum	Conforms to Structure
Suitability	Suitable
Suitable as substrate for Gamma-Glutamyl Transpeptidase	
Carbon (anhydrous)	48.4 - 50.4 %
Nitrogen (anhydrous)	15.3 - 16.1 %
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
6 Years	

Specification: PRD.2.ZQ5.10000010732

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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.