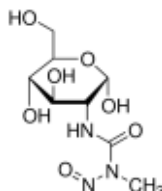


Certificate of Analysis

Product Name:

Streptozocin - $\geq 75\%$ α -anomer basis, $\geq 98\%$ (HPLC), powder

Product Number: S0130
Batch Number: WXB6397V
Brand: SIGMA
CAS Number: 18883-66-4
Formula: C₈H₁₅N₃O₇
Formula Weight: 265,22 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 17 JUN 2025
Recommended Retest Date: JUN 2027



Test	Specification	Result
Appearance (Colour)	White to Light Yellow	Off-White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Faint Yellow to Dark Yellow	Faint Yellow
Solubility (Turbidity)	Clear	Clear
50 mg/mL, H ₂ O		
Proton NMR spectrum	Conforms to Structure	Conforms
¹³ C NMR Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	$\leq 3.0 \%$	0.6 %
% Purity (HPLC)	≥ 98	100
Carbon (Anhydrous)	35.9 - 36.6 %	36.6 %
Nitrogen (Anhydrous)	15.4 - 16.2 %	15.4 %
Purity (HPLC)	$\geq 75 \%$	75 %
Alpha Anomer by HPLC		

Kang Chen
Quality Manager
Wuxi, China CN

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.

