

Certificate of Analysis

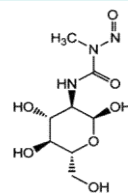


Product Identification

Catalog number HB4097
Compound name Streptozocin
Chemical name 2-Deoxy-2-[[[(methylnitrosoamino)carbonyl]amino]-D-glucose

Batch number E2439-1-1
Batch molecular formula $C_8H_{15}N_5O_7$
Batch molecular weight 265.22

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.9% (alpha anomer 84%)
Spectroscopy	UV and IR spectra consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in water, and in ethanol	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

19/10/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.