

Certificate of Analysis

Sitagliptin Nitroso Impurity-D4

Product Number	PSR41068	CAS No.	-
Brand	PureSynth	Lot No.	CSP01D
Molecular Formula	C ₆ H ₂ D ₄ F ₃ N ₅ O	Date of Mfg.	Jan 2023
Molecular Weight	225.17 g/mol	Date of Exp.	Dec 2025

Test	Specification	Result
Appearance	Off white Solid	Off white Solid
Assay (By HPLC)	≥ 99.0 %	99.8 %
Loss on drying	NMT 0.60	0.40 %
Potency	≥ 99.0 %	99.41 %
IR Spectrum	Conforms to structure	Conforms
¹ H NMR Spectrum	Conforms to structure	Conforms

Condition: Store at a temperature of 2-8°C and keep the container sealed tightly.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

This is a computer-generated report -does not required sign

Worldwide Helpline No. 1800-120-1234-34 , Email: info@pure-synth.com , Website: www.pure-synth.com