

# Certificate of Analysis (COA)

Form-120  
Issue date  
25/04/10

Ref. SOP LAB-012

## Certificate of Analysis

Product Name: GS-441524  
Batch Number: GS441524-250410-e021  
Manufacture Date: 2025-04-10  
Expiry Date: 2027-04-09  
Specification: Pharmaceutical Grade, 99.5% Purity, 20 mg/tablet

### Analytical Test Report

Test Parameter	Method	Specification	Result	Conclusion
Appearance	Visual Inspection	White to Off-white Tablets	White Tablets	Pass
Identification	HPLC Retention Time	Match Reference Standard	Match	Pass
Assay (Purity)	HPLC	$\geq 99.0\%$	99.84%	Pass
Related Substances	HPLC	$\leq 0.5\%$ Total Impurities	0.18%	Pass
Residual Solvents	GC-MS	Complies USP Limits	Complies	Pass
Moisture Content	Karl Fischer Titration	$\leq 0.5\%$	0.23%	Pass
Heavy Metals	ICP-MS	$\leq 10 \text{ ppm}$	< 5 ppm	Pass
Microbial Limits	USP <61>, <62>	Total Aerobic < 1000 CFU/g, No E. coli	< 100 CFU /g, None detected	Pass

This batch of GS-441524 has been tested and confirmed to meet all established specifications and is deemed suitable for pharmaceutical applications.

**Analyst:** Dr. Emily Chen

Signature

Date:

2025-04-12



**Official Stamp:**



Signature

Date:

2025-04-12



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Report Date: 2024-02-15

Certificate No.: COA-2025-12A