











## **CERTIFICATE OF ANALYSIS**

**Date:** 03-06-2025

<b>Product Name</b>	N-Nitroso -Metho	N-Nitroso -Methotrexate Impurity J			
Chemical Name	(S)-4-(4-(((2,4-diaminopteridin-6-yl)methyl)(nitroso)amino)benzamido)-5-methoxy-5-oxopentanoic acid				
Structure					
	NH <sub>2</sub>				
		H			
	H <sub>2</sub> N N N N	н			
	H <sub>2</sub> M N N	н [			
	H <sub>2</sub> N N	н			
	H <sub>2</sub> N N N N N N N N N N N N N N N N N N N	н			
Batch. No.	H <sub>2</sub> N   N   N   N   N   N   N   N   N   N	CAS No.	NA		
Batch. No. Analysis Date	- 7	CAS No. Retest Date	NA 4		
Analysis Date	$-\frac{7}{C_{20}H_{21}N_{9}O_{6}}$				
	$C_{20}H_{21}N_9O_6$	Retest Date	4 483.45		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

## **CLEANCHEM LABORATORIES LLP**