



CERTIFICATE OF ANALYSIS



Date: 10-02-2026

Product Name	Drospirenone Impurity 2		
Chemical Name	(2S,4aR,6aS,7R,7aS,8aS,9bR)-4a,6a-dimethyl-7-(prop-1-yn-1-yl)octadecahydro-1H-cyclopropa[4,5]cyclopenta[1,2-a]cyclopropa[1]phenanthrene-2,7,9b-triol		
Structure	<p>The chemical structure shows a steroid nucleus with a cyclopropa[4,5]cyclopenta[1,2-a]cyclopropa[1]phenanthrene core. It features a hydroxyl group (OH) at position 2, a methyl group (Me) at position 4a, another methyl group (Me) at position 6a, and a hydroxyl group (OH) at position 7. A prop-1-yn-1-yl group is attached to the 7-position. The structure is shown in a 3D perspective with various bond orientations indicated by wedges and dashes.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	5
Mol. Formula	C ₂₄ H ₃₄ O ₃	Molecular Wt.	370.5
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

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			

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