











## CERTIFICATE OF ANALYSIS

**Date:** 31-10-2025

Product Name	Tulathromycin Impurity D			
Chemical Name	[28.35.4R.SR.RR. [R. 1R. 125, 135, 14R)-134 ((ER. RR.55.68)-5-(aminomethyl)-5-hydroxy-4-methoxy-4.6-dimethylstrahydro-2H-pyran-2-ylloxy)-1-4((25.3R.45.6R)-4-(dimethylamino)-3-hydroxy-6-methylstrahydro-2H-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy)-2-ethyl-3,4,10-thyldroxy-5-(aminomethyl-1-cas-feaze-cyle-pyran-2-ylloxy-1-cas-feaze-cyle-pyran-			
Structure				
Batch No.	-	CAS No.	371193-60-1	
Analysis Date		Retest Date	4	
Mol. Formula		Molecular Wt.	764	
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			