

CERTIFICATE OF ANALYSIS

Product Name	Remdesivir intermediate GS-441524	Batch NO.	RY20200910
Production date	2020.09.10	Expired Date	2022.09.09
CAS NO.	1191237-69-0	Standard	Enterprise standard
Tests	Limits	Test results	
Appearance	White to yellow Powder	Off-white powder	
Identification by HPLC	Retention time of the sample conforms to that of the reference standard	Conforms	
Related substance by HPLC	Isomer impurity $\leq 0.5\%$	0.03%	
	The individual impurity $\leq 0.5\%$	0.34%	
	The total impurities $\leq 2.0\%$	0.54%	
Purity	$\geq 98\%$	99.4%	
Conclusion: This batch meets enterprise standard			



Tested by: Esther

Checked by: Alice

Approved by: Mich