

## CERTIFICATE OF ANALYSIS

Product Name	(2R,3R,4S,5R)-2-(4-aminopyrrolo[1,2-f][1,2,4]triazin-7-yl)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-carbonitrile		
BATCH NO.	200204	CAS Number	1191237-69-0
Date of Manufacture	Feb.22,2020	Quantity	3kg
Date of Test	Feb.23,2020	Retest Date	Feb.21,2021

Items	Standard	Results
Appearance	White to pale yellow powder	Complies
Purity (By HPLC)	$\geq 98.0\%$	99.2%
Water(KF)	$\leq 0.5\%$	0.06%
Residue on ignition	$\leq 0.5\%$	0.16%
Related substances(% area normalization by HPLC)	Impurity A $\leq 0.1\%$	0.06%
	Impurity B $\leq 0.1\%$	Not detected
	Impurity C $\leq 0.1\%$	0.02%
	Other single impurity $\leq 1.0\%$	0.51%
	Total impurities $\leq 2.0\%$	0.80%

Conclusion: Complies with Enterprise standard.

Q.C.DIRECTOR Shen Bin

CHECKER He XiaoMei

ANALYST Chen Xian