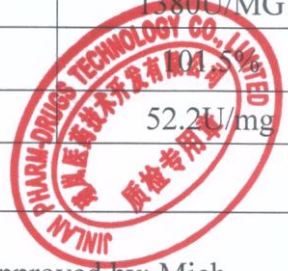


CERTIFICATE OF ANALYSIS

Product Name	Kallidinogenase	Batch NO.	RY181222
Production date	2018.12.22	Expired Date	2020.12.21
CAS NO.	9001-01-8	standard	JP
Tests	Limits	Test results	
Appearance	White or light brown powder	Off-white powder	
Identification	I vale $\leq 0.2$	0	
	$0.12 \geq R \text{ value} \leq 0.16$	0.14	
PH	5.7~7.5	6.2	
Fat	$\leq 1\text{mg}$	0.4mg	
Kininase	$\geq 0.8$	0.7	
Trypsin-like substances	$\leq 0.05$	0.03	
Protease	$\leq 0.2$	0.1	
Loss on drying	$\leq 2.0\%$	1.1%	
Residue on ignition	$\leq 3\%$	0.4%.	
Kinin-releasing activity	$\geq 500\text{ng}$	1568ng	
Specific activity	$\geq 100\text{U/mg}$ of protein	1380U/MG	
Assay	90%~110%	104	
Activity	50~60U/mg	52.2U/mg	
Conclusion: This batch meets JP standard.			



Tested by: Esther

Checked by: Alice

Approved by: Mich