



HANGZHOU DINGYAN CHEM CO., LTD
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CERTIFICATE OF ANALYSIS

NO: DYC051908131

Product name	Kallidinogenase
CAS Number	9001-01-8
Batch number	180501
Source	Porcine pancreas
Manufacture Date	2018-05-01
Testing date	2018-05-01
Expiry date	2020-10-31
Standard	According to JP

Items	Standard	Result
Appearance	White to light brown powder	Complies
Identification	I: ≤ 0.2 R: 0.12~0.16	Complies 0.16
PH	5.5~7.5(1 in 300)	6.2
Fat	≤ 1.0 mg/g(105°C for 2 hours)	0.2mg/g
Trypsin-like substances	≤ 0.05	Complies
Protease	$A_{280nm} : \leq 0.2$	0.004
Loss on drying	$\leq 2.0\%$ (in vacuum, 4hours)	1.3%
Residue on ignition	$\leq 3.0\%$ (650~750°C)	0.4%
Heavy metals	≤ 20 ppm	Complies
Activity	$\geq 22.5 \sim 27.5$ IU/mg (on the dried basis)	25.7IU/mg
Specific activity	≥ 100 Units/mg protein	392 Units/mgprotein
Total aerobic microbial count	< 1000 cfu/g	< 10 cfu/g
Total combined yeast/moulds count	< 100 cfu/g	< 10 cfu/g
Escherichia coli	Absence/g	Absence
Salmonellae	Absence/10g	Absence
Conclusion: Qualified with JP standard		



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Quality Control *Lucy Tang*
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