

**ZHEJIANG SHENZHOU
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CERTIFICATE OF ANALYSIS

PRODUCT: CANRENOATE POTASSIUM	
BATCH NO: KT-Y190402	C.O.A. NO: COA-K-YF200601
MFG.DATE: APRIL 18, 2019	RETEST DATE: APRIL 17, 2022
PACKING: 1kg/DRUM	QUANTITY: 1kg
Manufacturing Address: No 9 Hongyun Road, Xiandai Industrial Zone, Xianju, Taizhou, Zhejiang, province China 317300	

Item	Specification	Results
Appearance	Pale yellowish white to practically white crystalline powder	practically white crystalline powder
Identification	IR: corresponds to reference standard	Complies
Specific rotation at 20 °C of solution 1% w/v in MeOH	-68.0°~-75.0°	-71.9°
Appearance of solution 1% w/v in methanol	< solution reference IV	Complies
	≤ solution reference GY ₃	Complies
Colour index	≤50.0	11.4
PH value in 1% aqueous solution	8.0 ~ 10.0	8.45
PH value in 5% aqueous solution	8.3 ~ 9.3	8.99
Specific Absorbance	642-682	665.9
Water content	≤2.0%	0.4%
Heavy metals	≤10ppm	<10ppm
Related substances (HPLC)	Canrenone≤0.25%	0.03%
	Any other impurity ≤0.10%	<0.10%
	Total impurity ≤ 1.0%	0.04%
Residual solvents (GC)	Ethanol ≤ 1000ppm	275.0ppm
	Acetone ≤ 1000ppm	16.2ppm
	Toluene≤ 60ppm	Not found
Assay by titration	98.0 – 102.0%	99.2%
Assay by HPLC on dried basis	≥97.0 %	99.8%
Particle size	MIN 40% ≤ 75 microns	Complies
	MAX 60% ≥75 microns	Complies
Conclusion: the above product conforms to factory standard		


 P. J. Chen
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QUALITY ASSURANCE DEPT.