Joyochem Co., Ltd.

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CERTIFICATE OF ANALYSIS

Product	1-[4-(3-Chloropropoxy)-3-methoxyphenyl]ethanone		
	CAS: 58113-30-7		
Batch No.	20141120	Mfg. Date	Nov. 20, 2014
Test Date	Nov. 21, 2014	Exp. Date	Nov. 19, 2016
Items	Specifications		Results
Appearance	White or off-white powder		white powder
Identification	The retention time of the major peak in the		
	chromatogram of the test preparation		
	corresponds to that in the chromatogram of		
	the reference preparation		Conforms
Moisture	≤0.5%		0.10%
Residue on ignition	≤0.1%		0.02%
Heavy metal	≤10ppm		< 10ppm
Purity(HPLC)	not less than 98.0%(calculated by dried		98.5%
	C ₁₂ H ₁₅ O ₃ CI)		30.0 /0
Conclusion: this product conforms with the in-house specification			
Chief of QC: Li de	Checker: Zhang Dechen Analyst: Zhao wenfei		