

Certificate of Analysis for Imidacloprid (VMF)

Report No: B-20190220-002

File encoding: WL-QS-FP003-R02 (07)

Batch No: B190101		Mfg Date: 2019.01.27	Retest Date: 2022.01.26
Report Date: 2019.02.20		Batch Size: 119.42 kg	Standard: WL-QS-FP003
Test Items	Specification		Result
Appearance	Light yellow or white to off white powder		Almost White powder
Identification	HPLC: The retention time of the major peak corresponds to that of the reference substance solution, as obtained in the Assay.		Comply
	IR spectrum of sample corresponds to that of reference.		Comply
Water	≤0.50%		0.02%
Loss on drying	≤0.50%		0.07%
Sulfated ash	≤0.10%		0.05%
Heavy metals	≤20ppm		<20 ppm
Related substances	IDC-1 (Imidazolidine)	≤0.20%	Not detected
	IDC-6 (2-chloro-5-chloromethylpyridine)	≤0.20%	Not detected
	Any single impurity	≤0.20%	Disregard
	Total impurities	≤0.50%	Disregard
	Disregard limit : 0.10%		
Assay	98.0%~102.0% on the dried substance		99.5%
Residual solvents	Butanone	≤5000ppm	264 ppm
Conclusion	The product complies with the in-house standards.		
Storage	Preserve in well-closed, protect from light and store at no more than 25°C.		

Reported by/Date: Wu Jing 2019.02.20

QC manager/Date: Zhulan 2019.02.20

Reviewed by QA/Date: Yin Caizhang 2019.02.20

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