



EAST CHEMSOURCES LIMITED

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CERTIFICATE OF ANALYSIS

Product name	Fipronil	CAS NO.	120068-37-3
Batch No.	20241026	Product Specification	1000kg
Test date	20241026	Expiry Date	25kg/drum
Item	Specification		Result
Appearance	White or off-white crystalline powder		White crystalline powder
Solubility	Freely soluble in methanol or acetone, soluble in ethanol and insoluble in water		Conform
Identification - IR	IR spectrum of sample corresponds to that of reference standard		Conform
Identification - HPLC	The retention time of the main peak corresponds to that of reference standard		Conform
Melting point	196 - 198°C		196.5 - 197.5°C
Loss on drying	Not more than 0.5%		0.05%
Residue on ignition	Not more than 0.2%		0.03%
Heavy metals	Not more than 20ppm		Conform
Related impurity	Fipronil sulfone Not more than 2.0%		0.07%
Related impurity	Sum of other impurities Not more than 0.5%		0.04%
Related impurity	Sum of all impurities Not more than 2.5%		0.11%
Assay (HPLC)	It should be 97.0% - 103.0% (Calculated with dried substance)		99.9%
Residual solvent	Dichloromethane Not more than 0.06%		0.009%
Conclusion	Complies specification		

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伊特实业有限公司

Analyzer:Qingqing Zhang Checker:Suzhuo Zhang Chief Inspector: Suchou Wang

Signature

Authorized Signature