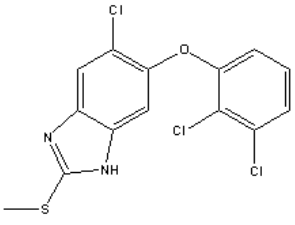




HANGZHOU DINGYAN CHEM CO., LTD
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CERTIFICATE OF ANALYSIS

NO: DYC051505061

Product name	Triclabendazole	CAS Number	68786-66-3
Molecule Structure		Molecule Formula	C14H9Cl3N2OS
Batch number	20140602	Quantity	1000KG
Manuf. Date:	2014-06-02	Exp. Date	2016-06-01
Executive Criterion	In-house standard	Report Date	2014-06-02

ITEMS	SPECIFICATIONS	Test method	RESULTS
Appearance	A white or almost white powder	By visual	Almost white powder
Identification	A:HPLC , retention time of main peak corresponds to that of reference standard B:IR,IR spectrum of sample corresponds to that of reference standard	USP<621> USP<197>	Complies
Solubility	Freely soluble in methanol and acetone	In-house method	Complies
Melting point	172~177°C	In-house	174.0~176.0°C
Loss on drying	≤1.0%	4hr at 105°C	0.14%
Residue on ignition	≤0.5%	USP<281>	0.05%
Related substances	Single max impurity≤1.5% Other single impurity≤0.5% Total impurities≤2.0%	HPLC	0.45% 0.26% 1.12%
Assay (on dried basis)	98.0~101.0%	HPLC	98.88%

QUALITY CONTROL: Hangzhou Dingyan Chem Co., Ltd.
Quality Control *Lily Tang*
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风