

HANGZHOU THINK CHEMICAL CO., LTD.

ADD: ROOM 501-502,TOWER E,YUANJIAN BUILDING,YUANYANG INTERNATIONAL CENTER,HANGZHOU-310011,CHINA

CERTIFICATE OF ANALYSIS

Product Name	Praziquantel		
Batch No.	20171012	Report Date	2017/10/14
Mfg. Date	2017/10/12	Retest Date	2020/10/11
Quantity	500kg	Quality Standard	USP38
TEST	SPECIFICATIONS	RESULTS	
Appearance	White or practically white crystalline powder	Conforms	
Solubility	Very slightly soluble in water, freely soluble in alcohol and chloroform	Conforms	
Identification	IR	Conforms	
Melting point	136~142°C	138.7~140.3°C	
Heavy metals	≤0.002%	Conforms	
Loss on drying	≤0.5%	0.2%	
Phosphate	≤0.05%	Conforms	
Residue on ignition	≤0.1%	Conforms	
Related compounds	Impurity A ≤0.2%	0.03%	
	Impurity B ≤0.2%	0.06%	
	Impurity C ≤0.2%	0.02%	
Assay	98.5%~101.0%	99.4%	
Residue solvent	Dichloromethane: ≤600ppm	ND	
	Ethyl acetate: ≤5000ppm	Conforms	
	Ethanol: ≤5000ppm	Conforms	
Conclusion	The results conform to the USP38 standard.		

Prepared by: Sarah

Reviewed by: Helen

Approved by: Tony