


CERTIFICATE OF ANALYSIS

NO: DYC081411141

Product name	Pyrantel pamoate (USP36)
CAS Number	22204-24-6
Molecule Structure	
Molecule Formula	C34H30N2O6S
Batch number	20140802
Manuf&Exp. Date	2014-08-02, 2015-08-01
Testing date	2014-08-02

Tests	Standard	Test Result
Appearance	Yellow to tan solid	Yellow solid
Identification		60nm
A. IR	The IR spectrum of the Sample agrees with IR spectrum of the Standard	The IR spectrum of the Sample agrees with IR spectrum of the Standard
B. UV	The UV spectrum of the Sample agrees with UV spectrum of the Standard	The UV spectrum of the Sample agrees with UV spectrum of the Standard
C. HPLC	The retention time of the major peaks due to pyrantel base and pamoic acid of the Sample solution correspond to the Standard solution, as obtained in the Assay	The retention time of the major peaks due to pyrantel base and pamoic acid of the Sample solution correspond to the Standard solution, as obtained in the Assay
Assay	97.0%~103.0%(dried basis)	99.1%
Pamoic acid	63.4%~67.3%(dried basis)	64.8%
Limit of Iron	Not more than 0.0075%	Less than 0.0075%
Residue on Ignition	Not more than 0.5%	0.02%
Heavy Metals	Not more than 50ppm	Less than 50ppm
Organic Impurities		



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Pyrantel Related Compound A	Not more than 0.5%	Not detected
Impurity B	Not more than 0.2%	Not detected
Individual Unspecified Impurity	1.0 % max	0.87%
Total Unspecified Impurities	Not more than 0.3%	0.05%
Total Impurities	Not more than 1.0%	0.05%
Loss on Drying	Not more than 2.0%	0.08%
Residual Solvent		
Ethanol	Not more than 4000ppm	1305ppm
Ethyl Formate	Not more than 4000ppm	Not detected
Conclusion	Meet requirements of the SOP 02TE0128 (USP36)	

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
QUALITY CONTROL: *Park* CHECK:姚仙娟 INSPECTOR: 刘清风