



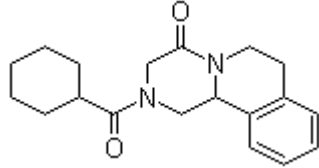
HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC021310093

Product name	Praziquantel, USP32	CAS Number	55268-74-1
Molecule Structure		Molecule Formula	C19H24N2O2
Batch number	P02-120204	Batch Quantity	500KG
Manuf. Date:	2012-02-07	Exp. Date	2016-02-06
Packing:	25.0kg/drum,	Report Date	2012-02-09

Items	Standard	Result
Appearance	A white or almost white crystalline powder	White powder
Identification	The infrared absorbance spectrum is concordant with the reference spectrum	Conform
Acidity	It should be yellow	Conform
Melting point	136.0°C-142.0°C	138.5°C-140.2°C
Loss on dried	0.5% max	0.05%
Residue on ignition	0.1% max	0.05%
Heavy metal	20ppm max	20ppm max
Phosphate	0.05% max	0.05% max
Residual solvents	Chloroform: 60ppm max Acetone: 5000ppm max	N.D 546ppm
Assay	98.5%-101.0%	99.26%

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL:  CHECK: 姚仙娟

INSPECTOR: 刘清风