



Certificate of Analysis

Product and Batch Information			
Product Name	Pyrrroloquinoline Quinone	Country of Origin	P.R. China
Batch	CS-PQQDS-151206	Manufacture Date	Dec 6, 2015.
Analysis Date	Dec 6, 2015.	Experied Date	Dec 5, 2017.
Item	Specification	Result	Test Method
Active Ingredients			
Assay(on dried base)	98.0% Min	99.40%	HPLC
Physical Control			
Appearance	Fine Powder	Complies	Visual
Color	Reddish orange to Reddish Brown	Complies	Visual
Taste	Sour	Complies	Organoleptic
Identification	Positive	Complies	IR
Loss on Drying	12% Max	7.60%	USP
Ash	1.0% Max	0.20%	USP
Chemical Control			
Heavy Metals	NMT 10ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 1.5ppm	Conforms	Atomic Absorption
Mercury(Hg)	NMT 0.2ppm	Conforms	Atomic Absorption
Cadmium(Cd)	NMT 0.3ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 1ppm	Conforms	Atomic Absorption
Ethanol Residual	NMT5000ppm	Conforms	GC
Microbiological Control			
Total Plate Count	10,000cfu/g Max	Conforms	AOAC
Yeast & Mold	300cfu/g Max	Conforms	AOAC
E.Coli	Negative	Conforms	AOAC
Staphylococcus Aureus	Negative	Conforms	AOAC
Salmonella	Negative	Conforms	AOAC
Packing and Storage			
Packing	Pack in alumium fosil bag and two plastic-bags inside. 1.0Kg/Bag		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		

QC: