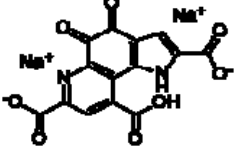


PQQ PRODUCT SPECIFICATION

Product Name		PQQ	
Chemical name		Pyrroloquinoline Quinone Disodium Salt	
Chemical Structure:			
Inspection Standard		Enterprise Standard	
Test Items		Specifications	Test Method
Appearance		Reddish Brown Powder	Visual
Identification UV Absorbance	A233/A259	0.90±0.09	In-house
	A322/A259	0.56±0.03	In-house
Loss on Drying		≤12.0%	In-house
Heavy Metals		≤10ppm	In-house
ARSENIC		≤2ppm	In-house
Mercury		≤0.1ppm	In-house
Lead		≤1ppm	In-house
Cadmium		≤1ppm	In-house
Residual solvent(Ethanol)		≤500ppm	In-house
Sodium/PQQ ratio		1.7~2.1	In-house
HPLC Purity		≥99.0%	In-house
Microbiology	Total Aerobic Count	≤1000cfu/g	In-house
	Yeast and mold count	≤100cfu/g	In-house