



XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name	Pyrroloquinoline Quinone Disodium Salt		Batch No.	230915
Chemical Formula	C ₁₄ H ₄ N ₂ Na ₂ O ₈		Molecular Weight	374.170
Chemical Structure:				
Quantity	20KGs	Packaging	1KG/BAG	
Manufacturing Date	Sep 15, 2023	Expiry Date	Sep 14, 2025	
Inspection Standard	Enterprise Standard			
Test Items	Specifications	Results		
Appearance	Reddish Orange to Reddish Brown Powder	Complied		
Identification UV Absorbance	A233/A259	0.90±0.09	0.85	
	A322/A259	0.56±0.03	0.55	
Loss on Drying	≤12.0%	6.83%		
Heavy Metals	≤10ppm	Complied		
Arsenic	≤2ppm	Complied		
Residual solvent (Ethanol)	≤500ppm	Complied		
Sodium/PQQ ratio	1.7~2.1	1.9		
PQQ Assay	≥80.0%	88.8%		
HPLC Purity	≥99.0%	99.3%		
Microbiology	Total Aerobic Count	≤1000cfu/g	Complies	
	Yeast and mold count	≤100cfu/g	Complies	
Conclusion	Enterprise Standard			

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.

Shelf 2 year when properly stored.

