



Certificate of Analysis

Product name	PQQ	Manufacture date	Nov.05.2022
Batch number	FQ221105	Analysis date	Nov.07.2022
Batch quantity	5kg	Expiry date	Nov.05.2024

Item	Specification	Results
Appearance	Dark red powder, oddrless	Conforms
Solubility	DMSO (Slightly), Methanol (Slightly)	Conforms
PH	6.0~7.5	6.9
Solution clarity and color	Solution should be clear and colorless	Conforms
Related substanss	5CMP0.3%	0.01%
	Simple impurity	0.03%
	Total other impurty	0.10%
Chlorde	0.05%	Conforms
Ammonium	0.05%	Conforms
Fe	0.01%	Conforms
Phosphate	0.1%	Conforms
Loss on drying	≤6.0%	1.3%
Heavy metals	0.002%	Conforms
Arsenide	0.0001%	Negative
Bacterial Endoxins	0.3EUU/mg	Negative
Micobial Limit	Conforms	Conforms
Assay	≥99.0%	99.8%
Conclusion	Conform with specification	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst