

## Maiggic™ PQQ

Product name: Pyrroloquinoline Quinone Disodium Salt

Cas No.: 122628-50-6

Molecular formula: C<sub>14</sub>H<sub>4</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>

Molecular weight: 374.17

HS code: 2936290000

Test standard: CP, USP43

Item	Specification	Test method
Appearance	Red or reddish-brown powder	Visual inspection
Identification	HPLC: confirm to the reference solution	USP
	IR: confirm to the reference solution	USP
Water	≤12.0%	USP
Related substances	Any individual impurity ≤0.1%	USP
	Total impurities ≤1.0%	USP
PQQ assay (on dry basis)	98.0%~102.0%	USP
Sodium content	10.5~12.9%	USP
Arsenic	≤0.2mg/kg	ICP-MS
Lead	≤0.2mg/kg	ICP-MS
Mercury	≤0.2mg/kg	ICP-MS
Cadmium	≤0.2mg/kg	ICP-MS
Total aerobic bacteria	≤1000cfu/g	USP<2021>
Mold & Yeast	≤100cfu/g	USP<2021>
Enterobacterial	≤100cfu/g	USP<2021>
Staphylococcus aureus/10g	Absent	USP<2021>
Escherichia coli/10g	Absent	USP<2021>
Salmonella/10g	Absent	USP<2021>

**【Storage】** Store at dry and cool place, away from light

**【Package】** Aluminium foil bag, 1kg/bag, 5kg/bag

**【Shelf life】** 24 months

**【Applications】** Can be used as food ingredient in selected beverages such as energy, sport, and electrolyte drinks, bottled, enhanced and fortified water beverages, and non-milk based meal replacement beverages; also in dietary supplements.