

Maiggic™ PQQ

Product name: Pyrroloquinoline Quinone Disodium Salt

Cas No.: 122628-50-6

Molecular formula: C₁₄H₄N₂Na₂O₈

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.