# PQQ

*$C_{14}H_4N_2Na_2O_8$ · CAS 122628-50-6 · Pyrroloquinoline quinone disodium salt*

**CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION**

| CHEMICAL FORM | FORMULA | CAS | PRIMARY ASSAY |
|---|---|---|---|
| Pyrroloquinoline quinone disodium salt | $C_{14}H_4N_2Na_2O_8$ | 122628-50-6 | 98.0–102.0% (HPLC) |
| **METHOD** | **MINIMUM ORDER** | **LEAD TIME** | **STANDARD PACK** |
| HPLC | 1 kg | 1–7 days | 1 kg foil pouch · 25 kg fiber drum |

## DESCRIPTION

PQQ disodium salt specified at 98.0–102.0% on the anhydrous basis, for markets and uses where PQQ is lawfully permitted; the salt form and the destination-market status are part of the specification.

## SPECIFICATION

| PARAMETER | SPECIFICATION | METHOD / NOTE |
|---|---|---|
| Assay (anhydrous basis) | 98.0–102.0% (HPLC) | As stated |
| Appearance | Reddish-brown to dark red powder | As stated |
| Identification | HPLC and UV conform | As stated |
| Loss on drying | ≤5.0% | As stated |
| Heavy metals | Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg | As stated |
| Microbiology | APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent | As stated |
| Particle size | ≥95% through 40 mesh | As stated |
| Marker set | PQQ disodium 98.0–102.0% (anhydrous basis) | Identity |
| Solubility | Soluble in water; the solution is reddish-brown. | Matrix dependent |

## APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

## AVAILABLE FORMS

- Powder, 40 mesh
- Granulated on request
- Dilution on request

## PACKING

- 1 kg foil pouch
- 25 kg fiber drum

## STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling.

The lot-specific retest date is shown on the batch COA.

## DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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