METAPHARMACEUTICAL

TECHNICAL DATA SHEET

M010241-TDS-ENG-2026

PQQ (PIRROLOQUINOLINA QUINONA)		
DESCRIPTION DCI: ---	DESCRIPTION DOE: ---	
CAS Nº: 122628-50-6	EC Nº: 961-572-3	AEMPS CODE: ---
MOL. WEIGHT: 374,17	MOL. FORMULA: C14H4N2Na2O8	ARTICLE CODE: M010241

ATTRIBUTES	SHOULD BE
Appearance	Fine powder
Colour	Orange to reddish brown
Identification IR	Complies
Water	=< 12.0 %
Assay	=< 98.0 %
Heavy metals	=< 10 ppm
Arsenic	=< 1.0 ppm
Lead	=< 1.0 ppm
Cadmium	=< 0.5 ppm
Mercury	=< 0.1 ppm
Microbiological control	
TAMC	=< 1000 CFU/g
TYMC	=< 100 CFU/g
E. Coli	Absence/10g
Salmonella	Absence/25g

COMPLIES WITH

Manufacturer Specifications

STORAGE

Keep the container tightly closed, in a cool, dry place. Protected from air and light.

REMARKS

Product suitable as a pharmaceutical excipient.

Pyrroloquinoline Quinone (PQQ) is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006 - ICH Q3C (R6) "Residual solvents".

Absence of N-nitrosamines impurities has been ensured after a risk evaluation according to ICH Q9, ICH M7 and in accordance with guidelines EMA/428592/2019 Rev 2 and EMA/189634/2019.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, among others, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

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