



**Technical Data Sheet**

**PQQ (Pyrrolochinolin Chinon Dinatriumsalz) (18659)**  
**PQQ (Pyrroloquinoline Quinone Disodium Salt) (18659)**

**PRODUCT INFORMATION**

Name	Salt of bacterial strain CK-275 Hyphomicrobium denitrificans		
CAS-No.	122628-50-6		
Molecular weight	374,17 Da	Origin	China
Chemical formula	C <sub>14</sub> H <sub>4</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub>	Carrier	None

ITEM	SPECIFICATION	METHOD
Assay Purity	≥99.0%	HPLC
Appearance*	Reddish-Brown	Organoleptic
UV absorbance	(A <sub>322</sub> /A <sub>259</sub> ): 0,56 ± 0,03	Spectrophotometry
UV absorbance	(A <sub>233</sub> /A <sub>259</sub> ): 0,90 ± 0,09	Spectrophotometry
Moisture	≤12.0%	Eu. Pharm. c.v. (2.8.17)

\*The color may vary

HEAVY METALS	SPECIFICATION	METHOD
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Residual Solvents (Ethanol)	≤0.05%	Eur.Ph. <2.4.24>

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002, according to Reg. (EU) 2017/2470 dated 7.11.24
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
anabolica and pre-hormones	no anabolica and pre-hormones are used in the product
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: ≤300 cfu/g, TYMC: ≤12 cfu/g, Coliforms: negative in 1 g, Hyphomicrobium denitrificans: ≤25 cfu/g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling according to Reg. (EC) 1169/2011
<b>Unintentional contact (traces) in the supply chain cannot be excluded.</b>	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

**STORAGE AND HANDLING**

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
Document status template	24.06.2024
Issue date	04.09.2024

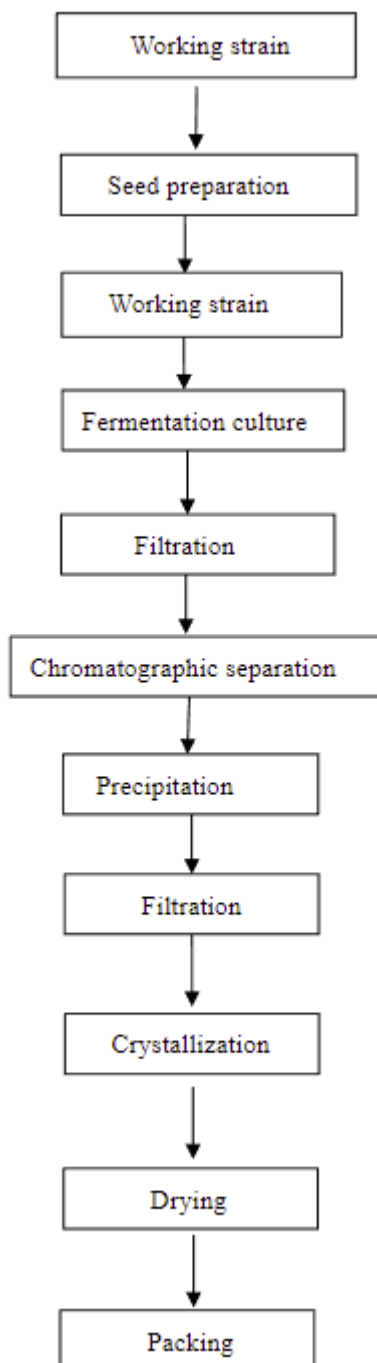
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