

QUALITY SPECIFICATION

Pyrroloquinoline Quinone

Disodium Salt

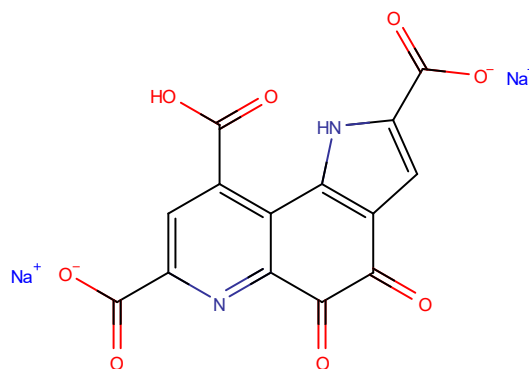
Catalog No.: NST-10-69

CAS No.: 122628-50-6

Molecular formula: $C_{14}H_4N_2Na_2O_8$

MW: 374.17

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Reddish orange to reddish brown	Visual
3.	Odor	Characteristic	Organoleptic
4.	Taste	Characteristic	Organoleptic
5.	Mesh size/sieve	≥99% pass 20 mesh	20 mesh
6.	Bulk density	≤0.8 g/mL	USP <616>
7.	Loss on drying	≤12.0 %	USP <731>
8.	Identification	Complies with standard	TLC
9.	Assay (on dried basis)	≥98.0 %	HPLC
10.	Pesticide residues	USP <561>	Third lab
11.	Solvent residues	USP <467>	GC
12.	Heavy Metals	≤10 ppm	ICP-MS
13.	Lead	≤2 ppm	ICP-MS
14.	Arsenic	≤1 ppm	ICP-MS

15.	Mercury	≤0.1 ppm	ICP-MS
16.	Cadmium	≤1 ppm	ICP-MS
17.	TPC	<10 ³ CFU/g	USP <2021>
18.	TYMC	<10 ² CFU/g	USP <2021>
19.	<i>Escherichia Coli</i>	Absent	USP <2022>
20.	<i>Salmonella</i>	Absent	USP <2022>
21.	<i>Staphylococcus aureus</i>	Absent	USP <2022>

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored