

QUALITY SPECIFICATION

Pyrroloquinoline Quinone

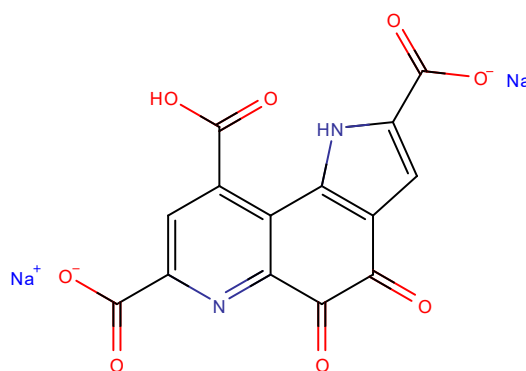
Disodium Salt

Catalog No.: NST-10-69

CAS No.: 122628-50-6

Molecular formula: $C_{14}H_4N_2Na_2O_8$

MW: 374.17



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	Orange to reddish brown	Visual
3.	Assay	≥98.0%	HPLC
4.	Loss on drying	≤0.8 %	In house
5.	Chloride impurity	≤0.5 %	In house
6.	Nitration impurity	≤12.0 %	In house
7.	Heavy Metals	≤10 ppm	ICP-MS
8.	Lead	≤2 ppm	ICP-MS
9.	Arsenic	≤1 ppm	ICP-MS
10.	Mercury	≤0.1 ppm	ICP-MS
11.	Cadmium	≤1 ppm	ICP-MS
12.	TPC	Not more than 10^3 CFU/g	ISO 6579:2002
13.	TYMC	Not more than 10^2 CFU/g	ISO 6579:2002
14.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
15.	<i>Salmonella</i>	Absent	ISO 6579:2002

16.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002
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Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored