

QUALITY SPECIFICATION

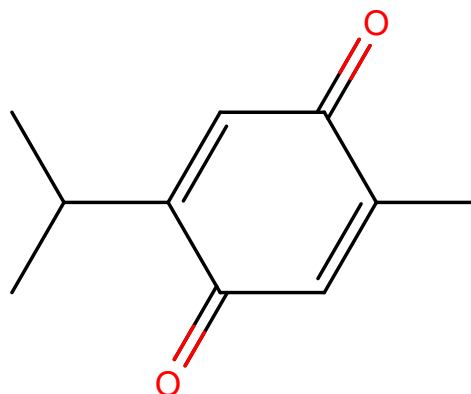
Thymoquinone

Catalog No.: NST-10-215

CAS No.: 490-91-5

Molecular formula: C₁₀H₁₂O₂

MW: 164.20



No.	Parameter	Specification	Method
1.	Appearance	Crystalline powder	Visual
2.	Color	Yellow	Visual
3.	Identification	Conforms	TLC&NMR
4.	Assay	≥98.0%	HPLC
5.	Sulfated ash	≤2.0 %	In house
6.	Loss on drying	≤5.0 %	In house
7.	Solvent residues	≤5000 ppm	GC
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Lead	≤2 ppm	ICP-MS
10.	Arsenic	≤1 ppm	ICP-MS
11.	Mercury	≤0.1 ppm	ICP-MS
12.	Cadmium	≤1 ppm	ICP-MS

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored