NATURE SCIENCE TECHNOLOGIES

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QUALITY SPECIFICATION

Hexylresorcinol

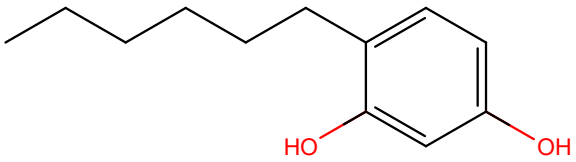
Catalog No.: NST-12-50

CAS No.: 136-77-6

Molecular formula: $C_{12}H_{18}O_2$

MW: 194.27

Shelf life: 24 months



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	IR&HPLC
4.	Assay	≥98.0 %	HPLC
5.	Melting point	64 °C – 69 °C	USP <741>
6.	Loss on drying	≤0.5 %	USP <731>
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

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

Stability: 24 months when properly stored