

## QUALITY SPECIFICATION

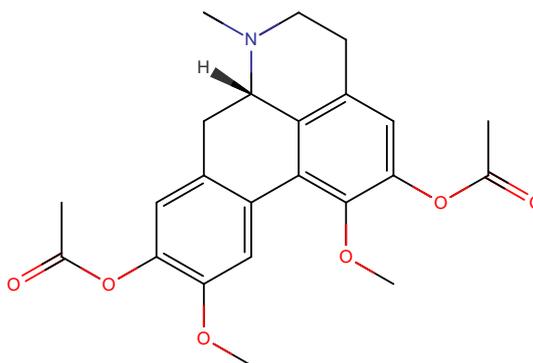
### Diacetyl boldine

Catalog No.: NST-10-227

CAS No.: 72584-75-9

Molecular formula: C<sub>23</sub>H<sub>25</sub>NO<sub>6</sub>

MW: 411.40



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥95.0%	HPLC
5.	Sulfated ash	≤2.0 %	In house
6.	Loss on drying	≤5.0 %	In house
7.	Solvent residues	USP<467>	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
13.	TPC	Not more than 10 <sup>3</sup> CFU/g	ISO 6579:2002
14.	TYMC	Not more than 10 <sup>2</sup> CFU/g	ISO 6579:2002
15.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
16.	<i>Salmonella</i>	Absent	ISO 6579:2002

17.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002
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Storage: store in a cool & dry place, keep away from strong light and heat

Stability: 24 months when properly stored