

## Product Specifications

**Product Name**

**Nordihydroguaiaretic Acid (NDGA)**

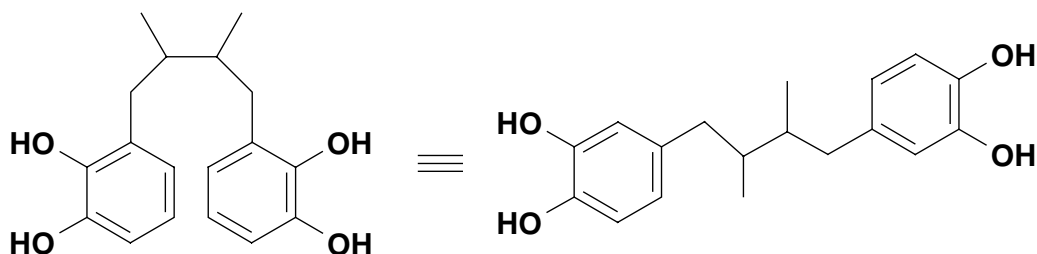
*Syn:*

Diastomeric mixture of (*R*<sup>\*</sup>, *S*<sup>\*</sup>)-, (*S*<sup>\*</sup>, *R*<sup>\*</sup>)-4,4'-(2,3-Dimethyl-1,4-butanediyl)bis[1,2-benzene-diol] and *meso*-4,4'-(2,3-Dimethyl-tetramethylene)dipyrocatechol; D,L-4,4'-(2,3-Dimethyl-1,4-butanediyl)bis[1,2-benzenediol] and *meso*-4,4'-(2,3-Dimethyltetramethylene)dipyrocatechol; 2,3-Bis(3,4-dihydroxybenzyl)butane

**CAS No.**

**500-38-9**

**Structure Formula**



**Mol. Formula**

**C<sub>18</sub>H<sub>22</sub>O<sub>4</sub>**

**Mol. Weight**

302.37

**Source**

Synthetic

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***Test***

***Specification***

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**Identity**

IR, H-NMR

**Appearance**

Off-white powder

**Mp**

175-185 °C

**Assay (hplc)**

≥ 98.0%

**Sp. Rotation, [α]<sub>D</sub><sup>20</sup>**

0.0 ± 1°

**Residue on Ignition**

< 0.1%

**LOD**

< 0.5%

**Heavy Metals (Pb, Hg, As)**

< 20 PPM

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***Test***

***Specification***

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***Total Aerobic Plate Count***

<100 organisms/g

***Includes:***

*Staphylococcus aureus*

Negative

*Candida albicans*

Negative

*Aspergillus species*

Negative

Total Mold/Yeast

<100 cfu/g

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