

## Certificate of Analysis

Product name : Magnolia Bark Extract      Analysis date : 25 March 2021  
Botanical source : *Magnolia officinalis Rehd. et Wils.*      Batch number : BCI200105  
Part used : Bark      Quantity : 100kg  
Manufactured date : 15 March 2020      Expiry date : 14 March 2023

Analysis Item	Specification	Result
Appearance	Fine powder	Complies
Color	Off-White	Complies
Odor & Taste	Characteristics	Complies
Magnolol	98% (HPLC)	Complies
Particle size	≥95% pass 80 mesh	Complies
Loss on Drying	≤1.0%	0.45%
Residue on Ignition	≤1.0%	0.32%
<b>Heavy Metal</b>		
Lead(Pb)	≤3.0 mg/kg	Complies
Arsenic(As)	≤1.0 mg/kg	Complies
Cadmium(Cd)	≤1.0 mg/kg	Complies
Mercury(Hg)	≤0.1 mg/kg	Complies
<b>Microbiological</b>		
Total Plate Count	≤1000cfu/g	Complies
Yeast & Mold	≤100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

**Conclusion** : Conform with specification.

**Storage** : Store in a well-closed container away from moisture, light, oxygen.

**Shelf life** : 24 months under the conditions above and in its original packaging.

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Quality Assurance

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Quality Control