

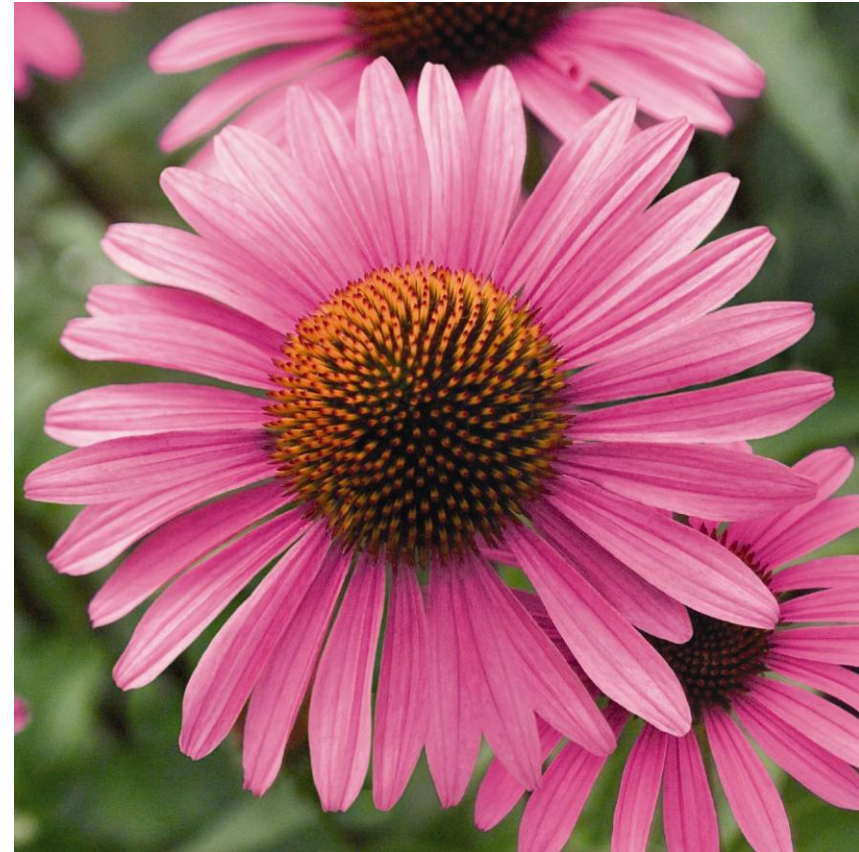


# Echinace Extract





- Product Name: Echinacea Purpurea Extract
- Latin name: Echinacea Purpurea
- Active Ingredient: Polyphenol
- Specification:
- Polyphenols 4%
- Cichoric Acid 2%3%4%
- Ratio: 4:1~20:1
- Part of the Plant Used: Flower
- Appearance: Light brown powder
- CAS No: 70831-56-0
- Molecular Formula: C<sub>22</sub>H<sub>18</sub>O<sub>12</sub>
- Molecular Mass: 474.37





## Specification of Echinace Extract

Polyphenols	4%	Polyphenols	UV-VIS
Cichoric Acid	2%	Polyphenols	HPLC
Cichoric Acid	3%	Polyphenols	HPLC





## What is Echinacea Extract produced in NutraMax Inc.?

This herbaceous perennial is 120 cm (47 in) tall by 50 cm (20 in) wide at maturity. Depending on the climate, it blooms throughout spring and summer. Its individual flowers (florets) within the flower head are hermaphroditic, having both male and female organs on each flower. It is pollinated by butterflies and bees. Its habitats include dry open woods, prairies and barrens, as well as cultivated beds. Although the plant prefers loamy or sandy, well-drained soils, it is little affected by the soil's pH. Echinacea stimulates the body's immune system against all infectious and inflammatory conditions, counteracts pus, and stimulates digestion. It specifically strengthens the immune system against pathogenic infection by stimulating phagocytosis, T-cell formation, and by inhibiting the hyaluronidase enzyme secreted by bacteria to effect the breakdown of remedies against all kinds of bacterial and viral infections.





## Where will Nutra Max' s Echinacea Extract used for ?

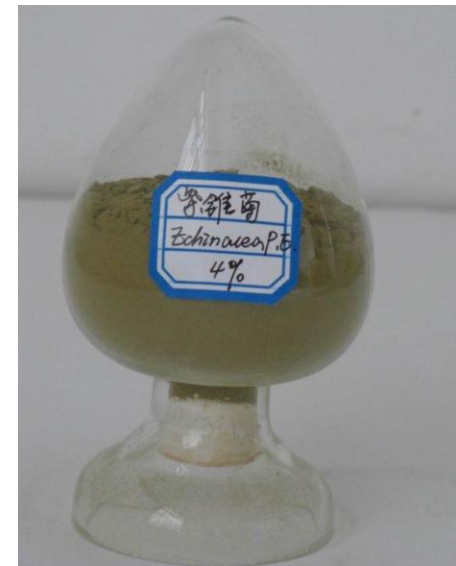
- Immunostimulating Effects;
- Anti-Inflammatory;
- Indications and usage approved by Commission E:  
Common cold; cough/bronchitis;
- Fevers and colds; infections of the urinary tract;  
inflammation of the mouth and pharynx;
- Tendency to infection; wounds and burns;
- Echinacea herb is used internally as supportive therapy  
for colds and chronic infections
- of the respiratory tract and lower urinary tract. It can  
also be applied locally to poorly healing superficial  
wounds.





## Application of NutraMax 's Echinacea Purpurea Extract Extract ?

- It can be used as capsule, compound medicines, medicine;
- functional food, cosmetics, and other industries.





- **Test Chromatogram of Echinace Extract**

Testing Parameter	Unit	Result
Polyphenols	4%	20.85%

**TESTED BY THE THIRD LAB: NSF**



**NSF International**

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**TEST REPORT**

测试报告





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