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2. Ferric citrate

Ferric citrate

Generic name: ferric citrate [*FER-ik-SIT-rate*]**Brand name:** [Auryxia](#)**Dosage form:** oral tablet (210 mg)**Drug class:** [Phosphate binders](#)[Medically reviewed](#) by Drugs.com on Feb 18, 2024. Written by [Cerner Multum](#).[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

What is ferric citrate?

Ferric citrate is used to control phosphorus levels in adults with [chronic kidney disease](#) who are on dialysis.

Ferric citrate is also used to treat [iron deficiency anemia](#) in adults with chronic kidney disease who are **not** on dialysis.

Ferric citrate may also be used for purposes not listed in this medication guide.

Ferric citrate side effects

Get emergency medical help if you have **signs of an allergic reaction**: hives, difficult breathing, swelling of your face, lips, tongue, or throat.

Ferric citrate may cause serious side effects. Call your doctor at once if you have:

- **severe stomach problems**--stomach pain, [vomiting](#), [constipation](#), [diarrhea](#), [nausea](#); or
- **high blood potassium**--weakness, tingly feeling, chest pain, irregular heartbeats, loss of movement.

Common side effects of ferric citrate may include:

- diarrhea, constipation;
- dark colored stools;
- nausea, vomiting, stomach pain; or
- [cough](#).

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

[Ferric citrate side effects](#) (more detail)

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Warnings

Keep ferric citrate out of the reach of children. **An accidental overdose of ferric citrate can be fatal.**

Before taking this medicine

You should not use ferric citrate if you have an [iron overload](#) disorder ([hemochromatosis](#)).

Tell your doctor if you have or have ever had:

- high levels of iron in your blood; or
- any other medical conditions.

Tell your doctor if you are pregnant or breastfeeding.

How should I take ferric citrate?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Your doctor may occasionally change your dose. Use the medicine exactly as directed.

Take ferric citrate with meals. You will need to follow a special diet. Follow all instructions of your doctor or dietitian. Learn about the foods you should eat or avoid.

Swallow the tablet whole and do not crush, chew, or break it. The pill may discolor your teeth or mouth.

You will need frequent blood tests to check your iron levels.

Ferric citrate may cause discolored (dark) stools but this discoloration is considered normal.

Store at room temperature, away from moisture and heat.

Ferric citrate dosing information

Usual Adult Dose for Hyperphosphatemia of Renal Failure:

Each tablet contains ferric iron 210 mg equivalent to ferric citrate 1 g

Initial dose: 2 tablets orally 3 times a day with meals

-Adjust dose in increments/decrements of 1 to 2 tablets per day per week or longer intervals to maintain serum phosphorous at target levels

Average dose: 8 to 9 tablets per day

Maximum dose: 12 tablets per day

Comments:

-Monitor serum phosphorous and titrate dose accordingly.

-Tablets should not be chewed or crushed because it may cause discoloration of mouth and teeth.

Use: Control of serum phosphorous levels in patients with chronic kidney disease on dialysis.

Usual Adult Dose for Anemia Associated with Chronic Renal Failure:

Each tablet contains ferric iron 210 mg equivalent to ferric citrate 1 g

Initial dose: 1 tablet orally 3 times a day with meals

-Adjust dose as needed to achieve and maintain target hemoglobin levels

Average dose: 5 tablets per day

Maximum dose: 12 tablets per day

Comments:

-Tablets should not be chewed or crushed because it may cause discoloration of mouth and teeth.

Use: Treatment of iron deficiency [anemia](#) in patients with chronic kidney disease not on dialysis.

Usual Adult Dose for Iron Deficiency Anemia:

Each tablet contains ferric iron 210 mg equivalent to ferric citrate 1 g

Initial dose: 1 tablet orally 3 times a day with meals

-Adjust dose as needed to achieve and maintain target hemoglobin levels

Average dose: 5 tablets per day

Maximum dose: 12 tablets per day

Comments:

-Tablets should not be chewed or crushed because it may cause discoloration of mouth and teeth.

Use: Treatment of iron deficiency anemia in patients with chronic kidney disease not on dialysis.

 [Detailed Ferric citrate dosage information](#)

What happens if I miss a dose?

Take the medicine (with food) as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** take two doses at one time.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222. **An overdose of iron can be fatal to a child who accidentally takes ferric citrate.**

What should I avoid while taking ferric citrate?

Do not take a vitamin or mineral supplement that contains iron while you are taking ferric citrate, unless your doctor tells you to.

What other drugs will affect ferric citrate?

Ferric citrate can make it harder for your body to absorb other medicines you take by mouth. Avoid taking other medicines at the same time as ferric citrate.

If you take any of the following medicines, take them as follows:

- **An antibiotic called doxycycline:** take ferric citrate at least 1 hour before you take ferric citrate.
- **An antibiotic called ciprofloxacin:** take it at least 2 hours before or 2 hours after you take ferric citrate.

Tell your doctor about all your other medicines, especially:

- iron supplements or any other medications that contain iron.

This list is not complete. Other drugs may affect ferric citrate, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Not all possible [drug interactions](#) are listed here.

 [Ferric citrate drug interactions](#) (more detail)

Does ferric citrate interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

ferric citrate

+

Enter a drug name

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- [Ferric citrate advanced reading](#)

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Other brands

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Related treatment guides

- [Hyperphosphatemia of Renal Failure](#)
- [Iron Deficiency Anemia](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

[Medical Disclaimer](#)


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DRUG STATUS

Availability

Rx Prescription only

Pregnancy & Lactation


 Risk data available

CSA Schedule*

N/A Not a controlled drug



Approval History

 Drug history at FDA



User Reviews & Ratings

6.4 / 10

[8 Reviews](#)

Images

[Auryxia \(ferric citrate\) 210 mg \(ferric iron\) \(KX52\)](#)

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