

**K223431 Citric Complete Liquid Citric Acid Concentrate**Aug 4, 2023  
263 days to decisionK223431 · Product code: **KPO** · Gastroenterology & UrologySource: <https://www.510kdatabase.net/k223431/>**SUBMISSION DETAILS**

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Decision	Substantially Equivalent (Cleared)
Submission type	Traditional
Device classification	Dialysate Concentrate For Hemodialysis (liquid Or Powder) (KPO)
Date received	Nov 14, 2022
Decision date	Aug 4, 2023
Days to decision	263 days
Third-party review	No
Combination product	No
PCCP authorized	No
Summary / Statement	Summary

**APPLICANT**

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Company	<b>Nipro Renal Solutions USA, Corp.</b>
Location	Lewisberry, PA, US
Contact	Vincent DeGrandchamp
510(k) history	2 submissions · 2 cleared · 2020-2023

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510k Database - [www.510kdatabase.net](http://www.510kdatabase.net)Device record: <https://www.510kdatabase.net/k223431/> Data sourced from FDA 510(k) public records ([accessdata.fda.gov](http://accessdata.fda.gov)).510k Database is an independent platform not affiliated with the U.S. Food and Drug Administration. Always verify at [accessdata.fda.gov](http://accessdata.fda.gov). - Generated May 27, 2026