

# ISO 21921:2025-10 (E)

## Oxidized starch in food applications - Specifications and test methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Requirements .....</b>	<b>1</b>
4.1	Physical indexes .....	1
4.2	Chemical indexes .....	2
4.3	Contaminant limits .....	2
4.4	Microbiological limit .....	3
<b>5</b>	<b>Test methods .....</b>	<b>3</b>
5.1	Reagents .....	3
5.2	Iodine stain .....	3
5.3	pH .....	3
5.4	Copper reduction .....	3
5.5	Carboxyl group .....	3
5.5.1	Qualitative test for oxidized starch .....	3
5.5.2	Quantitative test for oxidized starch .....	4
<b>6</b>	<b>Marking, packaging, transport and storage requirements .....</b>	<b>5</b>
6.1	Marking .....	5
6.2	Packaging .....	5
6.3	Transport .....	5
6.4	Storage .....	5
<b>Bibliography .....</b>		<b>6</b>