

ISO 21921:2025-10 (E)

Oxidized starch in food applications - Specifications and test methods

| Contents | | Page |
|--------------------|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Requirements | 1 |
| 4.1 | Physical indexes | 1 |
| 4.2 | Chemical indexes | 2 |
| 4.3 | Contaminant limits | 2 |
| 4.4 | Microbiological limit | 3 |
| 5 | Test methods | 3 |
| 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 |
| 6 | Marking, packaging, transport and storage requirements | 5 |
| 6.1 | Marking | 5 |
| 6.2 | Packaging | 5 |
| 6.3 | Transport | 5 |
| 6.4 | Storage | 5 |
| Bibliography | | 6 |