



**SLOVENSKI STANDARD**  
**SIST EN ISO 16212:2017/oprA1:2022**  
**01-januar-2022**

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**Kozmetika - Mikrobiologija - Ugotavljanje števila kvasovk in plesni - Dopolnilo A1  
(ISO 16212:2017/DAM 1:2021)**

Cosmetics - Microbiology - Enumeration of yeast and mould - Amendment 1 (ISO 16212:2017/DAM 1:2021)

Kosmetische Mittel - Mikrobiologie - Zählung von Hefen und Schimmelpilzen - Änderung 1 (ISO 16212:2017/DAM 1:2021)

Cosmétiques - Microbiologie - Dénombrement des levures et des moisissures - Amendement 1 (ISO 16212:2017/DAM 1:2021)

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**Ta slovenski standard je istoveten z: EN ISO 16212:2017/prA1**

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**ICS:**

07.100.40      Kozmetika - mikrobiologija      Cosmetics microbiology

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# DRAFT AMENDMENT ISO 16212:2017/DAM 1

ISO/TC 217

Secretariat: INSO

Voting begins on:  
2021-11-26Voting terminates on:  
2022-02-18

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## Cosmetics — Microbiology — Enumeration of yeast and mould

### AMENDMENT 1

*Cosmétiques — Microbiologie — Dénombrement des levures et des moisissures**AMENDEMENT 1*

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Amendment 1 to ISO 16212:2017 was prepared by Technical Committee ISO/TC 217, *Cosmetics*.

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# Cosmetics — Microbiology — Enumeration of yeast and mould

## AMENDMENT 1

### AMENDMENT 1.1

#### 7 *Strain of microorganism*

Include the international nomenclature (WDCH).

For testing the efficacy of neutralizers, one yeast reference strain is used:

- *Candida albicans* ATCC®10231<sup>TM1)</sup> or equivalent strain: IP 48.72<sup>TM2)</sup> or NCPF® 3179<sup>TM3)</sup> or NBRC®1594<sup>TM4)</sup> or KCTC®7965<sup>TM5)</sup> or WDCM 00054<sup>6)</sup> or other equivalent national collection strain.

### AMENDMENT 1.2

#### *Annex A (informative) Other neutralizing diluents*

Culture medium Eugon LT100 is mentioned in ISO 16212:2017 (A.2). This medium contains Octoxynol 9 (Triton X100) as a dispersing agent to facilitate enumeration of colonies on Petri dishes.

Following the inclusion of Octoxynol 9 in Annex XIV of the REACH Regulation (article 57.f: Endocrine Disruptor), the use of this ingredient was restricted in Europe from January 1<sup>st</sup> 2021 and Eugon LT100 is therefore no longer commercially available in Europe.

WG 1 experts agree to allow the use of Modified Eugon LT as an alternative, based on a collaborative inter-laboratory study (AFNOR) that demonstrated the equivalence (98-99%) of the neutralization efficacy of the 2 media (Eugon LT100 and Modified Eugon LT).

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- 1) ATCC®: American Type Culture Collection
  - 2) IP: Institut Pasteur
  - 3) NCPF®: National Collection of Pathogenic Fungi
  - 4) NBRC®: NITE Biological Resource Center, JP
  - 5) KCTC®: Korean Collection for Type Cultures
  - 6) WDCM: World Data Center for Microorganisms