ISO and ISO/TC 217 cosmetics

ARSO Cosmetics workshop
Cosmetics Standardization Web-series:
#3 International Standards in the Cosmetics Sector
2021-05-20

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ISO (International Organization for Standardization)

- Created in 1946

- Developed International Standards in 1947

International Organization for Standardization

- **Network of the 165 national standards institutes**

- largest developer and publisher of International Standards

What are ISO standards

- Requirements
- Specifications
- Guidelines or
- Characteristics

to ensure that materials, products, processes and services are fit for their purpose

Benefits of ISO Standards

- Products and services are safe, reliable and of good quality

- Reduce costs by minimizing waste and errors;

- Facilitate trade between countries

- Help companies to access new markets

Benefits of ISO Standards

- Transferring technology

- Gaining information

- Passing experiences

- More confidence in

products and services

Why participation in ISO Standards development

To expose information, experiences

and documents

Why participation in ISO Standards development

Understand what has been written in

ISO standards and influence the

decisions

Why participation in ISO Standards development

Silence means consent

Stakeholders in international standardization

- Industry and trade associations

- Science and academia

- Consumers and consumer associations

- Governments and regulators

ISO in figures for the year 2020

TC structure:

254 TC, 501 SC, 2832 WG and 109

ad hoc study groups

ISO in figures for the year 2020

- 5256 technical meetings
- 180 TC meetings
- 326 SC meetings
- 4750 WG or ad hoc groups meetings

ISO in figures for the year 2020

23574 International Standard and

standards-type documents

1627 in 2020

ISO/TC 217 Cosmetics

Scope:

standardization in the field of cosmetic products

Published standards, TR and TS: 34

Documents under development: 11

MEMBERSHIP

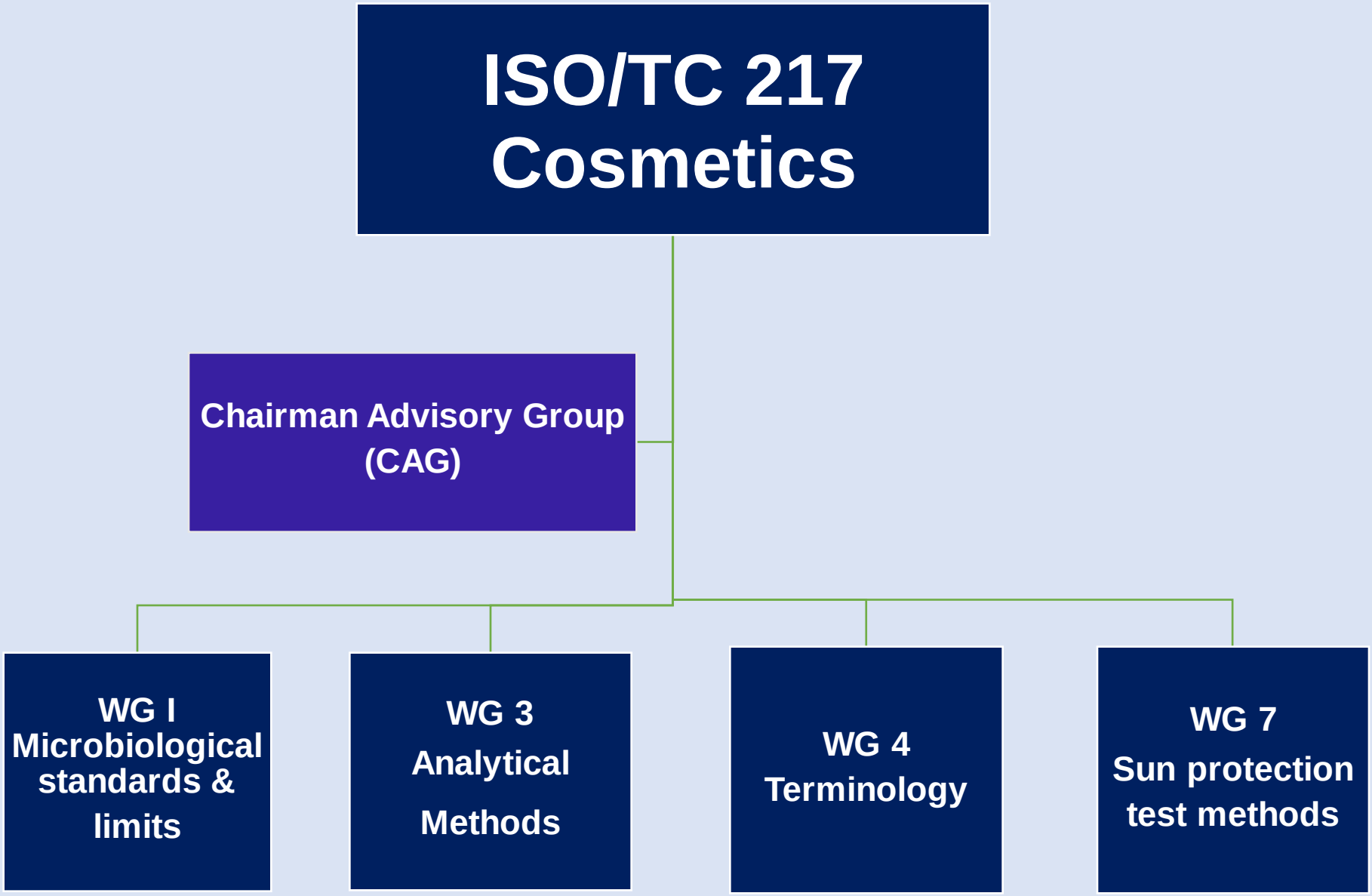
P-Member: 41

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BELGIUM
BRAZIL
CHINA
COLOMBIA
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CZECH REPUBLIC
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GHANA
INDIA
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JORDAN
KOREA, REP.OF
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MEMBERSHIP

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SLOVAKIA
SLOVENIA
UGANDA
UKRAINE
UZBEKISTAN
ZIMBABWE


ISO/TC 217
Cosmetics
Chairman Advisory Group (CAG)
WG I
Microbiological standards & limits
WG 3
Analytical
Methods
WG 4
Terminology
WG 7
Sun protection test methods


ISO 21148
Cosmetics-Microbiology-General instructions for microbiological examination
ISO 21149
Cosmetics-Microbiology-Enumeration and detection of aerobic mesophilic bacteria
WG 1 Standards
ISO 21150
Cosmetics-Microbiology-Detection of *Escherichia coli*
ISO 16212
Cosmetics-Microbiology-Enumeration of yeast and mould


ISO 22717
Cosmetics-Microbiology-Detection of *Pseudomonas aeruginosa*
ISO 22718
Cosmetics-Microbiology-Detection of *Staphylococcus aureus*
WG 1 Standards
ISO 18416
Cosmetics-Microbiology-Detection of *Candida albicans*
ISO 18415
Cosmetics-Microbiology-Detection of specified and non-specified microorganisms

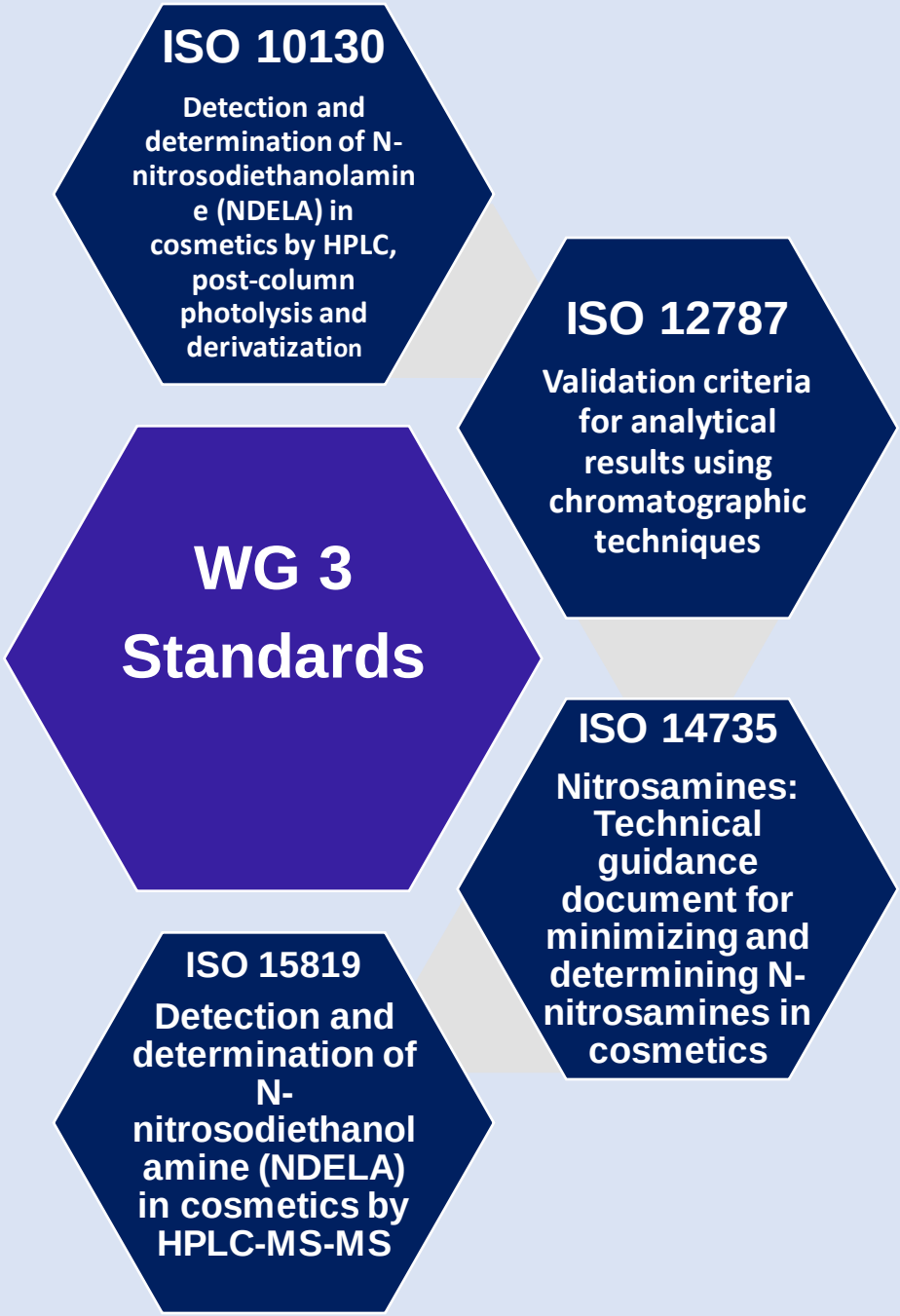

ISO 29621
Guidelines for the risk assessment and identification of microbiologically low-risk
ISO 17516
Microbiological limits
WG 1 Standards
ISO 11930
Evaluation of the antimicrobial protection of a cosmetic product
ISO 21322
Testing of impregnated or coated wipes and masks

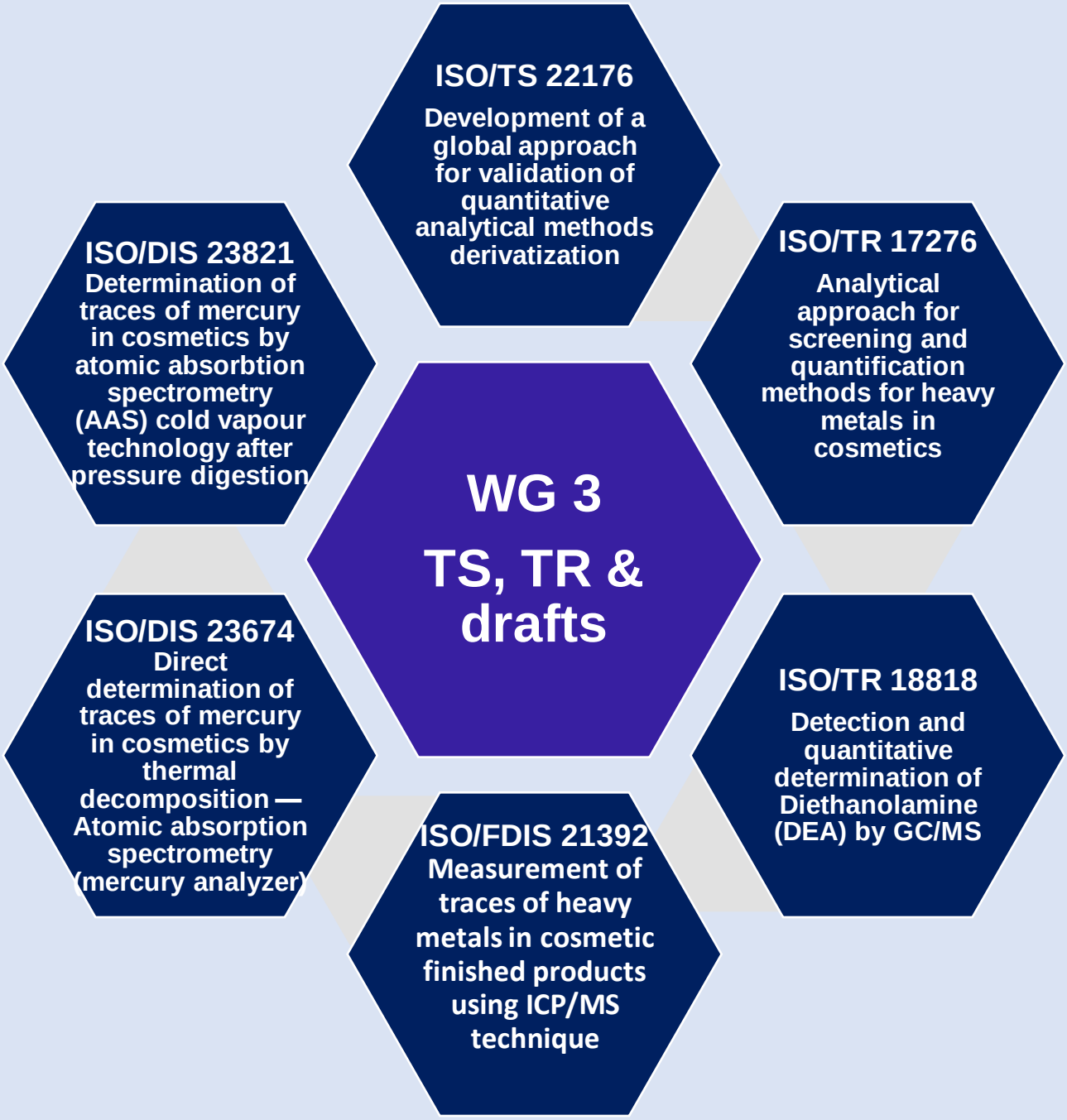
WG 1 Draft

ISO/WD 4973 Microbiology - Cosmetics - Quality control of culture media described in Cosmetics Microbiology Standards

WG 2 Packaging and labelling Standard

ISO 22715 Cosmetics - Packaging and labelling


ISO 10130
Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC, post-column photolysis and derivatization
ISO 12787
Validation criteria for analytical results using chromatographic techniques
WG 3
Standards
ISO 14735
Nitrosamines: Technical guidance document for minimizing and determining N-nitrosamines in cosmetics
ISO 15819
Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS-MS


ISO/TS 22176
Development of a global approach for validation of quantitative analytical methods derivatization
ISO/TR 17276
Analytical approach for screening and quantification methods for heavy metals in cosmetics
ISO/TR 18818
Detection and quantitative determination of Diethanolamine (DEA) by GC/MS
ISO/FDIS 21392
Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique
ISO/DIS 23674
Direct determination of traces of mercury in cosmetics by thermal decomposition — Atomic absorption spectrometry (mercury analyzer)
ISO/DIS 23821
Determination of traces of mercury in cosmetics by atomic absorbtion spectrometry (AAS) cold vapour technology after pressure digestion
WG 3
TS, TR & drafts


ISO16128 Part: 1
Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients and products -- Part 1: Definitions for ingredients
ISO16128 Part: 2
Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients -- Part 2: Criteria for ingredients and products
WG 4
ISO/TR 22582
Methods of extract evaporation and calculation of organic indexes -- Supplemental information to use with ISO 16128-2
ISO/DTR 23750
Answers to frequently asked questions on ingredients and product characterization according to ISO 16128


WG 6
ISO 22716
Good Manufacturing Practices (GMP) - Guidelines on Good Manufacturing Practices
ISO/TR 24475
Good Manufacturing Practices - General training document