

# 社團法人臺灣鑑識科學學會

## 收錄鑑識科學相關標準目錄及參考網頁

### 一、ASTM Standards

項次	文件編號	內容
1.	E0620-18	Standard Practice for Reporting Opinions of Scientific or Technical Experts
2.	E0678-07R13	Standard Practice for Evaluation of Scientific or Technical Data
3.	E0860-07R13E02	Standard Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation
4.	E1020-13E01	Standard Practice for Reporting Incidents that May Involve Criminal or Civil Litigation
5.	E1188-11R17	Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator
6.	E1386-15	Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction
7.	E1388-17	Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples
8.	E1412-16	Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration With Activated Charcoal
9.	E1413-13	Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration
10.	E1459-13R18	Standard Guide for Physical Evidence Labeling and Related Documentation
11.	E1492-11R17	Standard Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory
12.	E1588-17	Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry
13.	E1610-18	Standard Guide for Forensic Paint Analysis and Comparison
14.	E1618-14	Standard Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry
15.	E1732-18A	Standard Terminology Relating to Forensic Science
16.	E1843-16	Standard Guide for Sexual Assault Investigation, Examination, and Evidence Collection
17.	E1954-05R17	Standard Practice for Conduct of Research in Psychophysiological Detection of Deception (Polygraph)
18.	E2031-99R16	Standard Practice for Quality Control of Psychophysiological Detection of Deception (Polygraph) Examinations
19.	E2057-10R15	Standard Specifications for Preparation of Laboratory Analysis Requests in Sexual Assault Investigations
20.	E2062-11R17	Standard Guide for PDD Examination Standards of Practice
21.	E2063-12R17	Standard Practice for Calibration and Functionality Checks Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations
22.	E2064-00R14	Standard Guide for Minimum Continuing Education of Individuals Involved in Psychophysiological Detection of Deception (PDD)
23.	E2065-11	Standard Guide for Requirements for Psychophysiological Detection of Deception (PDD) Examiners
24.	E2080-14	Standard Guide for Clinical Psychophysiological Detection of Deception (PDD) Examinations for Sex Offenders
25.	E2123-16	Standard Practice for Transmittal of Evidence in Sexual Assault Investigation
26.	E2124-15	Standard Practice for Specification for Equipment and Supplies in Sexual Assault Investigations
27.	E2154-15A	Standard Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME)
28.	E2163-06R14	Standard Guide for Minimum Training Requirements for Examiners Conducting Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders in Treatment, Probation or Other Similar Programs

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29.	E2224-10	Standard Guide for Forensic Analysis of Fibers by Infrared Spectroscopy
30.	E2225-10	Standard Guide for Forensic Examination of Fabrics and Cordage
31.	E2227-13	Standard Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography
32.	E2228-10	Standard Guide for Microscopic Examination of Textile Fibers
33.	E2229-09R18	Standard Practices for Interpretation of Psychophysiological Detection of Deception (Polygraph) Data
34.	E2324-04R17	Standard Guide for PDD Paired Testing
35.	E2326-14	Standard Practice for Education and Training of Seized-Drug Analysts
36.	E2327-15E01	Standard Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis
37.	E2329-17	Standard Practice for Identification of Seized Drugs
38.	E2330-12	Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons
39.	E2386-04R17	Standard Guide for Conduct of PDD Screening Examinations
40.	E2388-11	Standard Guide for Minimum Training Requirements for Forensic Document Examiners
41.	E2439-09R16	Standard Guide for Instrumentation, Sensors and Operating Software Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations
42.	E2451-13	Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples
43.	E2548-16	Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis
44.	E2549-14	Standard Practice for Validation of Seized-Drug Analytical Methods
45.	E2678-09R14	Standard Guide for Education and Training in Computer Forensics
46.	E2710-11E01	Standard Guide for Preservation of Charred Documents
47.	E2711-11	Standard Guide for Preservation of Liquid Soaked Documents
48.	E2763-10	Standard Practice for Computer Forensics
49.	E2764-11	Standard Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis
50.	E2765-11	Standard Practice for Use of Image Capture and Storage Technology in Forensic Document Examination
51.	E2808-11	Standard Guide for Microspectrophotometry and Color Measurement in Forensic Paint Analysis
52.	E2809-13	Standard Guide for Using Scanning Electron Microscopy/X-Ray Spectrometry in Forensic Paint Examinations
53.	E2825-18	Standard Guide for Forensic Digital Image Processing
54.	E2881-18	Standard Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry
55.	E2882-12	Standard Guide for Analysis of Clandestine Drug Laboratory Evidence
56.	E2916-13	Standard Terminology for Digital and Multimedia Evidence Examination
57.	E2926-17	Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence ( $\mu$ -XRF) Spectrometry
58.	E2927-16E01	Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons
59.	E2937-18	Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations
60.	E2997-16	Standard Test Method for Analysis of Biodiesel Products by Gas Chromatography-Mass Spectrometry
61.	E2998-16	Standard Practice for Characterization and Classification of Smokeless Powder
62.	E2999-17	Standard Test Method for Analysis of Organic Compounds in Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy
63.	E3016-18	Standard Guide for Establishing Confidence in Digital and Multimedia Evidence Forensic Results by Error Mitigation Analysis
64.	E3017-15	Standard Practice for Examining Magnetic Card Readers
65.	E3046-15	Standard Guide for Core Competencies for Mobile Phone Forensics

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66.	E3085-17	Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations
67.	E3115-17	Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems
68.	E3148-18	Standard Guide for Postmortem Facial Image Capture

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### Particle and Spray Characterization; Forensic Sciences; Accreditation & Certification; Forensic Psychophysiology; Nanotechnology; Forensic Engineering

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1	E11-20	Specification for Woven Wire Test Sieve Cloth and Test Sieves
2	E161-17	Specification for Electroformed Material and Test Sieves
3	E323-11(2016)	Specification for Perforated-Plate Sieves for Testing Purposes
4	E444	Guide for Scope of Work of Forensic Document Examiners (Withdrawn 2018)
5	E454-12(2016)	Specification for Industrial Perforated Plate and Screens (Square Opening Series)
6	E541	Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building (Withdrawn 2019)
7	E620-18	Practice for Reporting Opinions of Scientific or Technical Experts
8	E674-12(2016)	Specification for Industrial Perforated Plate and Screens (Round Opening Series)
9	E678-07(2013)	Practice for Evaluation of Scientific or Technical Data
10	E699-16	Specification for Agencies Involved in Testing, Quality Assurance, and Evaluating of Manufactured Building Components
11	E799-03(2020)e1	Practice for Determining Data Criteria and Processing for Liquid Drop Size Analysis
12	E860-07(2013)e2	Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation
13	E1020-13e1	Practice for Reporting Incidents that May Involve Criminal or Civil Litigation
14	E1188-11(2017)	Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator
15	E1260-03(2020)	Test Method for Determining Liquid Drop Size Characteristics in a Spray Using Optical Nonimaging Light-Scattering Instruments
16	E1386-15	Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction
17	E1388-17	Practice for Static Headspace Sampling of Vapors from Fire Debris Samples
18	E1412-19	Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal
19	E1413-19	Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube
20	E1458-12(2016)	Test Method for Calibration Verification of Laser Diffraction Particle Sizing Instruments Using Photomask Reticles
21	E1459-13(2018)	Guide for Physical Evidence Labeling and Related Documentation
22	E1492-11(2017)	Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory
23	E1588-17	Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry
24	E1610-18	Guide for Forensic Paint Analysis and Comparison
25	E1617-09(2019)	Practice for Reporting Particle Size Characterization Data
26	E1618-19	Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry
27	E1620-97(2016)	Terminology Relating to Liquid Particles and Atomization
28	E1638-18	Terminology Relating to Sieves, Sieving Methods, and Screening Media
29	E1732-19	Terminology Relating to Forensic Science
30	E1843-16	Guide for Sexual Assault Investigation, Examination, and Evidence Collection
31	E1954-05(2017)	Practice for Conduct of Research in Psychophysiological Detection of Deception (Polygraph)

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32	E1967-19	Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope
33	E1968-19	Practice for Microcrystal Testing in Forensic Analysis for Cocaine
34	E1969-19	Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine
35	E2016-20	Specification for Industrial Woven Wire Cloth
36	E2031-99(2016)	Practice for Quality Control of Psychophysiological Detection of Deception (Polygraph) Examinations
37	E2035-12(2017)	Terminology Relating to Forensic Psychophysiology
38	E2057-10(2015)	Specifications for Preparation of Laboratory Analysis Requests in Sexual Assault Investigations
39	E2062-11(2017)	Guide for PDD Examinations of Practice
40	E2063-12(2017)	Practice for Calibration and Functionality Checks Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations
41	E2064-00(2014)	Guide for Minimum Continuing Education of Individuals Involved in Psychophysiological Detection of Deception (PDD)
42	E2065-11	Guide for Ethical Requirements for Psychophysiological Detection of Deception (PDD) Examiners
43	E2080-14	Guide for Clinical Psychophysiological Detection of Deception (PDD) Examinations for Sex Offenders
44	E2123-16	Practice for Transmittal of Evidence in Sexual Assault Investigation
45	E2124-15	Practice for Specification for Equipment and Supplies in Sexual Assault Investigations
46	E2125-19	Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and Its Analogues
47	E2154-15a	Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME)
48	E2159-15	Guide for Selection, Assignment, and Monitoring of Persons To Be Utilized as Assessors/Auditors or Technical Experts
49	E2163-06(2014)	Guide for Minimum Training Requirements for Examiners Conducting Psychophysiological Detection of Deception (PDD) Testing of Sex Offenders in Treatment, Probation or Other Similar Programs
50	E2195	Terminology Relating to the Examination of Questioned Documents (Withdrawn 2018)
51	E2224-19	Guide for Forensic Analysis of Fibers by Infrared Spectroscopy
52	E2225-19a	Guide for Forensic Examination of Fabrics and Cordage
53	E2227-13	Guide for Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography
54	E2228-19	Guide for Microscopical Examination of Textile Fibers
55	E2229-09(2018)	Practices for Interpretation of Psychophysiological Detection of Deception (Polygraph) Data
56	E2287	Guide for Examination of Fracture Patterns and Paper Fiber Impressions on Single-Strike Film Ribbons and Typed Text (Withdrawn 2018)
57	E2288	Guide for Physical Match of Paper Cuts, Tears, and Perforations in Forensic Document Examinations (Withdrawn 2018)
58	E2292-14	Guide for Field Investigation of Carbon Monoxide Poisoning Incidents
59	E2324-04(2017)	Guide for PDD Paired Testing
60	E2326-14	Practice for Education and Training of Seized-Drug Analysts
61	E2327-15e1	Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis
62	E2329-17	Practice for Identification of Seized Drugs
63	E2330-19	Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons
64	E2386-04(2017)	Guide for Conduct of PDD Screening Examinations
65	E2388-11	Guide for Minimum Training Requirements for Forensic Document Examiners
66	E2427-18	Test Method for Acceptance by Performance Testing for Sieves
67	E2439-09(2016)	Guide for Instrumentation, Sensors and Operating Software Used in Forensic Psychophysiological Detection of Deception (Polygraph) Examinations

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68	E2451-13	Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples
69	E2490-09(2015)	Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Photon Correlation Spectroscopy (PCS)
70	E2524-08(2013)	Test Method for Analysis of Hemolytic Properties of Nanoparticles
71	E2525-08(2013)	Test Method for Evaluation of the Effect of Nanoparticulate Materials on the Formation of Mouse Granulocyte-Macrophage Colonies
72	E2526-08(2013)	Test Method for Evaluation of Cytotoxicity of Nanoparticulate Materials in Porcine Kidney Cells and Human Hepatocarcinoma Cells
73	E2535-07(2018)	Guide for Handling Unbound Engineered Nanoscale Particles in Occupational Settings
74	E2548-16	Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis
75	E2549-14	Practice for Validation of Seized-Drug Analytical Methods
76	E2578-07(2018)	Practice for Calculation of Mean Sizes/Diameters and Deviations of Particle Size Distributions
77	E2589-11(2016)	Terminology Relating to Nonsieving Methods of Powder Characterization
78	E2651-19	Guide for Powder Particle Size Analysis
79	E2659-18	Practice for Certificate Programs
80	E2678-09(2014)	Guide for Education and Training in Computer Forensics
81	E2708-18a	Terminology for Accreditation and Certification
82	E2710	Standard Guide for Preservation of Charred Documents (Withdrawn 2020)
83	E2711	Standard Guide for Preservation of Liquid Soaked Documents (Withdrawn 2020)
84	E2713-18	Guide to Forensic Engineering
85	E2763	Practice for Computer Forensics (Withdrawn 2019)
86	E2764-11	Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis
87	E2765	Practice for Use of Image Capture and Storage Technology in Forensic Document Examination (Withdrawn 2020)
88	E2776-18	Guide for Correlation of Results of Solid Particle Size Measurement Instruments
89	E2808-19e1	Guide for Microspectrophotometry in Forensic Paint Analysis
90	E2809-13	Guide for Using Scanning Electron Microscopy/X-Ray Spectrometry in Forensic Paint Examinations
91	E2814-18	Specification for Industrial Woven Wire Filter Cloth
92	E2825-19	Guide for Forensic Digital Image Processing
93	E2833-12(2018)	Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection
94	E2834-12(2018)	Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Nanoparticle Tracking Analysis (NTA)
95	E2849-18	Practice for Professional Certification Performance Testing
96	E2859-11(2017)	Guide for Size Measurement of Nanoparticles Using Atomic Force Microscopy
97	E2864-18	Test Method for Measurement of Airborne Metal Oxide Nanoparticle Surface Area Concentration in Inhalation Exposure Chambers using Krypton Gas Adsorption
98	E2865-12(2018)	Guide for Measurement of Electrophoretic Mobility and Zeta Potential of Nanosized Biological Materials
99	E2872-14(2019)	Guide for Determining Cross-Section Averaged Characteristics of a Spray Using Laser-Diffraction Instruments in a Wind Tunnel Apparatus
100	E2881-18	Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry
101	E2882-19	Guide for Analysis of Clandestine Drug Laboratory Evidence
102	E2909-13	Guide for Investigation/Study/Assay Tab-Delimited Format for Nanotechnologies (ISA-TAB-Nano): File Format for the Submission and Exchange of Data on Nanomaterials and Characterizations
103	E2916-19e1	Terminology for Digital and Multimedia Evidence Examination
104	E2917-19a	Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs

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105	E2926-17	Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence ( $\mu$ -XRF) Spectrometry
106	E2927-16e1	Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons
107	E2937-18	Guide for Using Infrared Spectroscopy in Forensic Paint Examinations
108	E2980-15	Test Methods for Estimating Average Particle Size of Powders Using Air Permeability
109	E2996-15	Guide for Workforce Education in Nanotechnology Health and Safety
110	E2997-16	Test Method for Analysis of Biodiesel Products by Gas Chromatography-Mass Spectrometry
111	E2998-16	Practice for Characterization and Classification of Smokeless Powder
112	E2999-17	Test Method for Analysis of Organic Compounds in Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy
113	E3001-15	Practice for Workforce Education in Nanotechnology Characterization
114	E3016-18	Guide for Establishing Confidence in Digital and Multimedia Evidence Forensic Results by Error Mitigation Analysis
115	E3017-19	Practice for Examining Magnetic Card Readers
116	E3025-16	Guide for Tiered Approach to Detection and Characterization of Silver Nanomaterials in Textiles
117	E3034-15	Guide for Workforce Education in Nanotechnology Pattern Generation
118	E3046-15	Guide for Core Competencies for Mobile Phone Forensics
119	E3059-16	Guide for Workforce Education in Nanotechnology Infrastructure
120	E3071-16	Guide for Nanotechnology Workforce Education in Materials Synthesis and Processing
121	E3085-17	Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations
122	E3089-17	Guide for Nanotechnology Workforce Education in Material Properties and Effects of Size
123	E3115-17	Guide for Capturing Facial Images for Use with Facial Recognition Systems
124	E3143-18b	Practice for Performing Cryo-Transmission Electron Microscopy of Liposomes
125	E3144-19	Guide for Reporting the Physical and Chemical Characteristics of Nano-Objects
126	E3148-18	Guide for Postmortem Facial Image Capture
127	E3149-18	Guide for Facial Image Comparison Feature List for Morphological Analysis
128	E3150-18	Guide for Forensic Audio Laboratory Setup and Maintenance
129	E3172-18	Guide for Reporting Production Information and Data for Nano-Objects
130	E3189-19	Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube
131	E3206-19	Guide for Reporting the Physical and Chemical Characteristics of a Collection of Nano-Objects
132	E3233-20	Practice for Forensic Tape Analysis Training Program
133	E3234-20	Practice for Forensic Paint Analysis Training Program
134	E3238-20	Test Method for Quantitative Measurement of the Chemoattractant Capacity of a Nanoparticulate Material in vitro

## 二、ISO Standards

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1.	ISO 21043-1	Forensic sciences —Part 1:Terms and definitions
2.	ISO 21043-2	Forensic sciences —Part 2: Recognition, recording, collecting, transport and storage of items

## 三、Standards Australia

項次	文件編號	內容
1.	AS 5388.1-2012/Amdt 1-2017	Forensic analysis Recognition, recording, recovery, transport and storage of material

#### 四、中華民國國家標準

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1.	CNS 17025 :2018 Z4058	測試與校正實驗室能力一般要求事項 General requirements for the competence of testing and calibration laboratories

#### 五、ENFSI Guidelines(免費資源)

<https://enfsi.eu/documents/forensic-guidelines/>

#### 六、FBI Laboratory Quality System Documents (免費資源)

<https://fbilabqsd.fbi.gov/>

#### 七、中華人民共和國司法部鑑定技術規範(免費資源)

[http://www.moj.gov.cn/government\\_service/content/2019-08/15/646\\_3229948.html](http://www.moj.gov.cn/government_service/content/2019-08/15/646_3229948.html)

#### 八、中華人民共和國國家標準(免費資源)

[http://openstd.samr.gov.cn/bz/gk/gb/std\\_list\\_type?p.p1=2&p.p90=circulation\\_date&p.p91=desc](http://openstd.samr.gov.cn/bz/gk/gb/std_list_type?p.p1=2&p.p90=circulation_date&p.p91=desc)

#### 九、SWGTHREAD Standards(免費資源)

<http://treadforensics.com/index.php/standards/u-s/standards-swgthread>

#### 十、Virginia Department of Forensic Science\_ Manuals and Procedures(免費資源)

<http://dfs.aisn.net/documentation-publications/manuals/>

#### 十一、New York State Crime Laboratory Advisory Committee (NYCLAC)

New York State Forensic Laboratory Report Standardization Manual(免費資源)

<https://www.criminaljustice.ny.gov/forensic/labreportstandards.htm>

#### 十二、Scientific Working Group for Forensic Document Examination (SWGDOC) Published Standards(免費資源)

<https://www.swgdoc.org/index.php>

#### 十三、ILAC(免費資源)

ILAC G19:08/2014 Modules in a Forensic Science Process

<https://ilac.org/publications-and-resources/ilac-guidance-series/>

#### 十四、AAFS Standards Board(免費資源)

<http://www.asbstandardsboard.org/published-documents/>