

Categories of Reference Materials

2018

Categories	Subcategories	Symbols	
1. Ferrous Reference Materials	a) Pure Metal RMs for Steel Industry Analyses	1-a	
	b) Unalloyed Steels	1-b	
	c) Low Alloy Steels	1-c	
	d) High Alloy Steels	1-d	
	e) Raw Materials	1-e	
	f) By-Products	1-f	
	g) Cast Iron	1-g	
	h) Special Alloys	1-h	
	i) Other Metallurgical RMs for Steel Industry	1-i	
	2. Non Ferrous Reference Materials	a) Pure Metal RMs for Non-Ferrous Metallurgy Analyses	2-a
b) Li, Be, Alkali and Alkaline earth Metals		2-b	
c) Al, Mg, Si and Alloys		2-c	
d) Cu, Zn, Pb, Sn, Bi and Alloys		2-d	
e) Ti, V and Alloys		2-e	
f) Ni, Co, Cr and Refractory Metals		2-f	
g) Precious Metals and Alloys		2-g	
h) Rare Earths, Th, U and Transuranic Elements		2-h	
i) Raw Materials and By-Products		2-i	
j) Other RMs for Non-Ferrous Analyses		2-j	
3. Inorganic Reference Materials		a) General Interest Products and Pure Reagents	3-a
	b) Rocks and Soils	3-b	
	c) Glasses, Refractories, Ceramics, and Mineral Fibers	3-c	
	d) Building Materials: Cements and Plasters	3-d	
	e) Fertilizers	3-e	
	f) Inorganic Gases and Gas Mixtures	3-f	
	g) Industrial Acids and Bases	3-g	
	h) Oxides and Salts	3-h	
	i) Other Inorganic Reference Materials	3-i	
	4. Organic Reference Materials	a) Pure Organic RMs of General Interest	4-a
		b) Petroleum Products and Carbon Derivatives	4-b
c) Synthetic Base Products and Large Intermediates		4-c	
d) Common Organics: Solvents, Gases, and Gas Mixtures		4-d	
e) Plastics, Rubbers, and Organic Fibers		4-e	
f) Paints, Varnishes, and Dyes		4-f	
g) Cosmetics and Surfactants		4-g	
h) Pesticides and Phytocide		4-h	
i) Fine Chemicals		4-i	
j) Other Analytical Organic Reference Materials		4-j	
5. Reference Materials for Physical Properties		a) RMs with Optical Properties	5-a
	b) RMs with Mechanical Properties	5-b	
	c) RMs with Electrical and Magnetic Properties	5-c	
	d) RMs for Frequency	5-d	
	e) RMs for Radioactivity and Isotopes	5-e	
	f) RMs for Thermodynamics	5-f	
	g) RMs for Physicochemical Properties	5-g	
	h) Other Physical and Technical Properties	5-h	
6. Biological and Clinical Reference Materials	a) General Medicine	6-a	
	b) Clinical Chemistry	6-b	
	c) Pathology and Histology	6-c	
	d) Haematology and Cytology	6-d	
	e) Immunohaematology, Transfusion and Transplant	6-e	
	f) Immunology	6-f	
	g) Parasitology	6-g	
	h) Bacteriology and Mycology	6-h	
	i) Virology	6-i	
	j) Other Biological and Clinical RMs	6-j	
7. Reference Materials for the Quality of Life	a) Environment	7-a	
	b) Foodstuffs	7-b	
	c) Consumer Products	7-c	
	d) Agriculture (Soils and Plnats)	7-d	
	e) Legal Controls and Criminology	7-e	
	f) Other RMs for Quality of Life	7-f	
8. Reference Materials for Industry	a) Raw Materials and Semi-Finished Products	8-a	
	b) Building and Public Works	8-b	
	c) Transportation and Communications	8-c	
	d) Electricity, Electronics, and Computer Industry	8-d	
	e) Ores and Mineral Raw Materials	8-e	

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Categories	Subcategories	Symbols
	f) Measurement, Test Techniques, and Instrumentation	8-f
	g) Fuels	8-g
	h) Other Reference Materials for Industry	8-h

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