

Parameter set	Titration type	Method name or sample	
10	Strong acid-base – titration, dynamic with 1 equivalence point	hydrochlor. acid	
		sulphuric acid	
		nitric acid	
		perchloric acid	
		hydroxil	
		strong acid (1 EQ)	
11	Weak acid-base – titration, dynamic with 1 equivalence point	acetic acid	
		formic acid	
		boric acid	
		benzoic acid	
		carbonic acids (1 EQ)	
		citric acid(1 EQ)	
		acid	
		free fatty acid	
		carbonylic number	
		acids general (1 EQ)	
12	Dynamic with 2 equivalence points	phosphoric acid	
		acids general (2 EQ)	
13	Strong and weak acid mixture	HCL/CH ₃ COOH	
		mixture of acids (2 EQ)	
14	Acid with 2 protons	oxalic acid (2 EQ)	
		weak acid (2 EQ)	
15	Test of any acid	testtitration acid	
16	Fixed endpoint titration	citric acid	
17		CB 8.2 (p-value)	
18		CB 4.3/8.2 (p+m)	
19		CB 4.3 (m-value)	
20		tataric acid (EP)	
		total acid (EP)	
21	Base titrated with a strong acid, one equivalence point	sodiumhydroxide	
		potassiumhydroxide	
		saponific	
		strong base (1 EQ)	
22	Medium strong base titrated with a strong acid one equivalence point	amines (1 EQ)	
		bases general (1EQ)	
		amonium hydroxide	

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23	Weak strong base titrated with a strong acid, one equivalence point	Ammonium-N
		N (Kjeldahl)
		weak base (1 EQ)
24	Base titrated with a strong acid, 2 equivalence points	NaOH/Na ₂ CO ₃
		base general (2 EQ)
25	Weak bases	weak bases (2 EQ)
26	Test titration of a base	test titration bases
27	Fixed endpoint titration	CA 4.3 (m-value)
28		CA 8.2/4.3 (p+m)
29	Titration with acids in organic solvents	TBN DIN/ISO 3771
		epoxy number DIN 53 188
		TBN ASTM 664
30	Bases in organic solvents	amine with HClO ₄
		total acidity
31	Acids in organic solvents	TAN ASTM 664
32		acid number in resin NZ DIN 51 508 T2
33	Titration with Ag electrode and AgNO ₃ , medium jump	chlorid 0.1 AgNO ₃
		bromide 0.1 AgNO ₃
		iodine 0.1 AgNO ₃
		rhodanid 0.1 AgNO ₃
34	mV titration, weak jump	Cl, potable water
35		traces of chlorid
36	mV titration with two jumps	Br/Cl 0.1 AgNO ₃
		I/Br 0.1 AgNO ₃
		I/Cl 0.1 AgNO ₃
37	mV titration with 1 EP	cyanide 0,1 AgNO ₃
38	Redox titration with a strong jump	Fe-II (Redox)
		sodium oxalate
		cerimetry
		permanganometry
39	Redox titration	dichromatometry
40	Iodometric redox titration medium jump	thiosulphate with iodine
		arsenic-III with iodine
		titration with iodine

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41	Iodometric, mV titration decreasing one jump	iodine with thiosulphate
		Cu-II iodometric
		tin iodometric
		sulphite iodometric
		sulphide iodometric
		peroxide iodometric
		H ₂ O ₂ iodometric
		iodnumber DIN 53 241T1
42	Redox titration decreasing one jump	oxygene
		sugar
		peroxid
43	Redox titration decreasing one strong jump	CSB, COD
44	Redox titration slow increasing	diazotization
45		normality plumb
46		sulphate with Pb-II
47		sulphate (blank)
48		fluoride with La (III)
49	mV titration with ion sensitive electrode	Cu-ISE (back titration)
		Cr(III) with Cu-ISE
		Al with Cu-ISE
		Ni with Cu-ISE
50	mV titration 2 equivalence points with ion sensitive electrode	Ca/Mg with Ca-ISE
51	mV titration with ion sensitive electrode	Cu with Cu-ISE
52		Zn with Cu-ISE
		Cd with Cu-ISE
53	pH-stat titration	pH-stat generally
54		pH-stat enzymes
55		pH-stat soilsample
56	Karl-Fischer	H ₂ O normal (1K)
57	moisture determination	H ₂ O low (1K)
58		H ₂ O delayed (1K)

