On the Subject of Neutralization

The rules are simple: cheat or be cheated.

Selection Rules
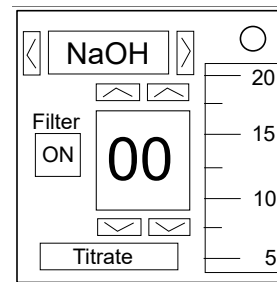
	Red		Yellow		Green		Blue	
	NSA & 3b	NH_3	NSA & 3b	NH_3	NSA & 3b	NH_3	NSA & 3b	NH_3
	lit CAR/FRQ/IND	KOH	lit CAR/FRQ/IND	KOH	lit CAR/FRQ/IND	KOH	lit CAR/FRQ/IND	KOH
	0 ports & vwl	LiOH	0 ports & vwl	LiOH	0 ports & vwl	LiOH	0 ports & vwl	LiOH
	ind.w. B,H,R e.g. BOB/CAR/CLR/FRK/FRQ/TRN	KOH	ind.w. F,H e.g. FRK/FRQ	KOH	ind.w. C,H,L e.g. CAR/CLR/NLL	KOH	ind.w. H,I e.g. IND/SIG	KOH
			D > AA	NH_3			D > AA	NH_3
	D > AA	NH_3	else	NaOH	D > AA	NH_3	else	LiOH
	else	LiOH			else	NaOH		

Titration Tables

NH_3

Red OFF	bh	pt	i	=		Yellow ON	bh	pt	i	=		Green ON			Blue OFF	bh	pt	i	=
5	8	4	2	8		5	8	4	2	8		5	3		5	8	4	2	8
10	16	8	4	16		10	16	8	4	16		10	6		10	16	8	4	16
15	24	12	6	24		15	24	12	6	24		15	9		15	24	12	6	24
20	32	16	8	32		20	32	16	8	32		20	12		20	32	16	8	32

LiOH

Red ON	bh	pt	i	=		Yellow ON	bh	pt	i	=		Green OFF	bh	pt	i	=		Blue OFF	bh	pt	i	=
5	8	4	2	8		5	4	2	1	4		5	4	2	1	4		5	12	6	3	12
10	16	8	4	16		10	8	4	2	8		10	16	8	4	16		10	24	12	6	24
15	24	12	6	24		15	12	6	3	12		15	36	18	9	36		15	36	18	9	36
20	32	16	8	32		20	16	8	4	16		20	64	32	16	64		20	48	24	12	48

NaOH

Red OFF	bh	pt	i	=		Yellow OFF	bh	pt	i	=		Green ON	bh	pt	i	=		Blue ON	bh	pt	i	=
5	4	2	1	2		5	12	6	3	6		5	12	6	3	6		5	16	8	4	8
10	16	8	4	8		10	24	12	6	12		10	24	12	6	12		10	32	16	8	16
15	36	18	9	18		15	36	18	9	18		15	36	18	9	18		15	48	24	12	24
20	64	32	16	32		20	48	24	12	24		20	48	24	12	24		20	64	32	16	32

KOH

Red ON	bh	pt	i	=		Yellow OFF	bh	pt	i	=		Green ON	bh	pt	i	=		Blue OFF	
5	12	6	3	3		5	4	2	1	1		5	4	2	1	1		5	1
10	24	12	6	6		10	16	8	4	4		10	8	4	2	2		10	4
15	36	18	9	9		15	36	18	9	9		15	12	6	3	3		15	9
20	48	24	12	12		20	64	32	16	16		20	16	8	4	4		20	16