

MS-01 Body Shine Test Kit

MS-01
red caps

KIT COMPONENTS:

SH6232	Sodium Hydroxide 0.5N
PH1605	Phenolphthalein Indicator
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

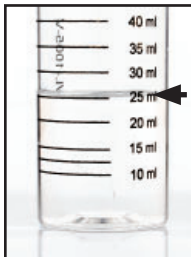
MOTHERS
Automated Solutions

GENERIC FACTOR:

of drops x 0.005 = % Acidity as
Phosphoric Acid for a 10 mL sample.

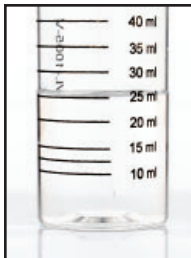


1 Rinse vial three times with sample to be tested. Fill vial with **25 mL of sample**.



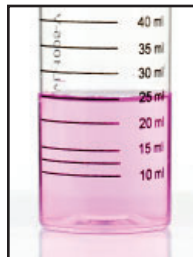
STEP 1

2 Add 3 drops of **Phenolphthalein Indicator** (PH1605) and swirl to mix. The sample should remain colorless.



STEP 2

3 Add **Sodium Hydroxide 0.5N** (SH6232) one drop at a time while swirling. Count the number of drops until the sample color turns pink. Determine dilution based on the number of drops found in the MS-01 dilution table.



STEP 3

MS-01

Parts Product	Parts Water	# of Drops	Parts Product	Parts Water	# of Drops
1	2000	4	1	350	21
1	1600	5	1	300	25
1	1300	6	1	250	30
1	1100	7	1	200	37
1	1000	8	1	160	47
1	800	9	1	140	53
1	700	11	1	120	62
1	600	12	1	100	74
1	500	15	1	90	83
1	400	19	Rev: 1/28/2025		

MS-02 Wheel Shine Test Kit

MS-02
red caps

KIT COMPONENTS:

SH6232	Sodium Hydroxide 0.5N
PH1605	Phenolphthalein Indicator
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

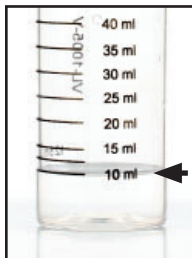
MOTHERS
Automated Solutions

GENERIC FACTOR:

of drops x 0.01 = % Acidity as Phosphoric Acid for a 10 mL sample.

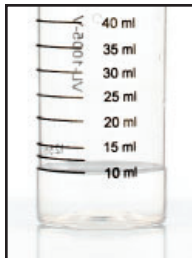


1 Rinse vial three times with sample to be tested. Fill vial with **10 mL of sample.**



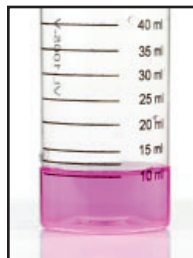
STEP 1

2 Add 3 drops of **Phenolphthalein Indicator (PH1605)** and swirl to mix. The sample should remain colorless.



STEP 2

3 Add **Sodium Hydroxide 0.5N (SH6232)** one drop at a time while swirling. Count the number of drops until the sample color turns pink. Determine dilution based on the number of drops found in the MS-02 dilution table.



STEP 3

MS-02

Parts Product	Parts Water	# of Drops	Parts Product	Parts Water	# of Drops
1	250	8	1	80	25
1	225	9	1	70	28
1	200	10	1	60	33
1	180	11	1	55	36
1	160	12	1	50	39
1	140	14	1	45	44
1	120	17	1	40	49
1	110	18	1	35	56
1	100	20	1	30	65
1	90	22	Rev: 1/28/2025		

MC-03 Pre Soak Test Kit

MC-03
yellow caps

KIT COMPONENTS:

PH1605	Phenolphthalein Indicator
SA7575	Sulfuric Acid 0.25N
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

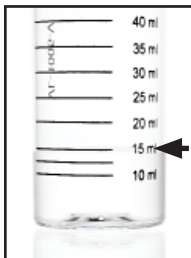
MOTHERS
Automated Solutions

GENERIC FACTOR:

drops x 16 = ppm Alkalinity as NaOH for
a 10 mL sample.



1 Rinse vial three times with sample to be tested. Fill vial with **15 mL of sample.**



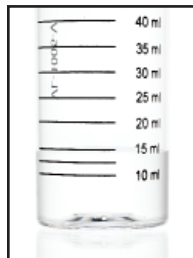
STEP 1

2 Add 3 drops of **Phenolphthalein Indicator** (PH1605) and swirl to mix. The sample should turn pink.



STEP 2

3 Add **Sulfuric Acid 0. 25N** (SA7575) one drop at a time while swirling. Count the number of drops until the sample color changes from pink to clear. Determine dilution based on the number of drops found in the MC-03 dilution table.



STEP 3

MC-03

Parts Product	Parts Water	# of Drops	Parts Product	Parts Water	# of Drops
1	1000	6	1	250	22
1	850	7	1	225	25
1	700	8	1	200	28
1	600	9	1	180	31
1	550	10	1	160	35
1	500	11	1	140	40
1	450	12	1	120	46
1	400	14	1	110	51
1	350	16	1	100	56
1	300	19	1	90	62
1	275	20	Rev: 1/28/2025		

MC-04 Wheel Cleaner Test Kit

MC-04
yellow caps

KIT COMPONENTS:

PH1605	Phenolphthalein Indicator
SA7575	Sulfuric Acid 0.25N
VL-1005-V	Vial, 10-50 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

INTERFERENCES: Turbid or highly colored samples may mask the color change at the endpoint.

ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

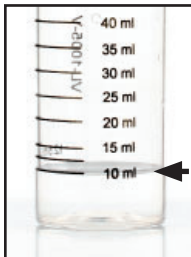
MOTHERS
Automated Solutions

GENERIC FACTOR:

drops x 40 = ppm Alkalinity as NaOH for
a 10 mL sample.



1 Rinse vial three times with sample to be tested. Fill vial with **10 mL of sample.**



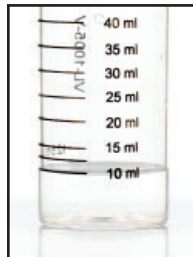
STEP 1

2 Add 3 drops of **Phenolphthalein Indicator (PH1605)** and swirl to mix. The sample should turn pink.



STEP 2

3 Add **Sulfuric Acid 0.25N (SA7575)** one drop at a time while swirling. Count the number of drops until the sample color changes from pink to original color. Determine dilution based on the number of drops found in the MC-04 dilution table.



STEP 3

MC-04

Parts Product	Parts Water	# of Drops	Parts Product	Parts Water	# of Drops
1	250	10	1	100	25
1	230	11	1	90	28
1	210	12	1	80	31
1	190	13	1	70	36
1	170	15	1	60	41
1	160	16	1	50	50
1	150	17	1	45	55
1	140	18	1	40	62
1	130	19	1	35	70
1	120	21	1	30	81
1	110	23	Rev: 1/28/2025		