



TEST REPORT

Report No. : WTF23F11253337C
Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 112213
Sample Name : Scented candle in glass
Sample Model : MO9030
Test Requested : 1) EN 15426:2018 Candles-specification for Sooting
Behaviour
2) EN 15494:2019 Candles. Product safety labels
3) EN 15493:2019 Candles. Specification for fire safety
Test Conclusion : **Pass** (Please refer to next pages for details)
Date of Receipt sample : 2023-11-28
Testing period : 2023-11-29 to 2023-12-04
Date of Issue : 2023-12-06
Test Result : Refer to next page (s)
Note : As specified by client, only test the designated sample.

Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang

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Sample photo:



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Test Results:

1) Soot release (EN 15426:2018)



Test standard:	EN 15426:2018 Candles-specification for sooting behavior
Number of sample(s) tested:	3 pieces of candle
Initial observation:	No visible defects was found on all tested samples
Test requirement:	The average soot index from three tests (samples) shall be less than 1.0/hour.
Test Conclusion:	Pass

Tested sample	A4	A5	A6
Original candle diameter (mm)	Ø44.60	Ø44.57	Ø44.79
Original candle height (mm)	63.03	63.22	62.65
Net candle weight(g)	52.0	51.1	53.4
Total measuring time, t_m (hours)	8.0	8.0	8.0
Soot index, S_i	2.01	5.30	2.61
Average soot index per hour, $S_{ih}(=S_i/t_m)$	0.25	0.66	0.33
Average soot index from 3 samples Note: acceptance criteria: <1.0/hour	0.41		

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2) Candle Fire safety labelling (EN 15494:2019)

Test standard:	EN 15494:2019 Candles-Product Safety Labels
Number of sample(s) tested:	One set product with full packaging
Test Conclusion:	Pass






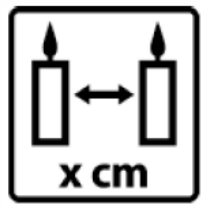
Clause	Requirement	Result	Rating
		1	
4.2	<p>Layout of the product safety label The product safety label for candles consists of the following components: general warning sign based upon ISO 7010- W001 (see Figure 1) . mandatory supplementary safety information symbols or texts (see Tables 1 to 3). optional supplementary safety information symbols or texts (See Annex A) . The supplementary safety information symbols or texts shall be placed in close proximity to the general warning sign below and/or to the right beside the general warning sign (see Figure 2) . Borders are optional. All components of the product safety label shall be in distinct contrast from its background. For candle labels made with one-colour printing, the background colour of the general warning sign does not need to be yellow.</p>  <p>Figure 1 – General warning sign</p>  <p>Figure 2 – examples of layouts of a product safety label for candles</p>	<p>See Test Data</p> <p>Safety information beside the general warning sign</p>	PASS
4.3	<p>Layout of supplementary safety information If safety information texts are chosen rather than safety information symbols then they or their practical equivalents shall be given in their own national language or languages of the country in which the candles are marketed.</p>	<p>The height of the safety symbols:5.1mm</p>	PASS




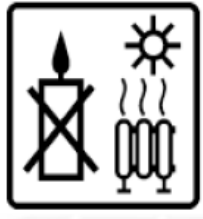





	<p>The supplementary safety symbols and text shall be reproduced as shown in Tables 1 to 3 and Tables A. 1 to A. 5. However, some degree of modification is permitted when cultural differences or special application formats (e.g. candle shape/type) need to be considered, provided the original meaning is retained and comprehension of the safety information is maintained.</p> <p>The minimum height of the safety symbols is 5 mm provided that the content of the safety message is legible due to the quality of the print.</p>		
4.4	<p>Display of a product safety label</p> <p>As a minimum the product safety label with the mandatory supplementary safety information (Tables 1 to 3) shall be visible and legible on the packaging or product.</p> <p>If the space is limited, the optional supplementary safety information can be placed elsewhere, e.g. on the backside of a peel-off label or the inner sides of a fold-out label, together with the mandatory supplementary safety information repeated. There shall be clear indication where to find this additional safety information.</p>	Safety labels on product	PASS

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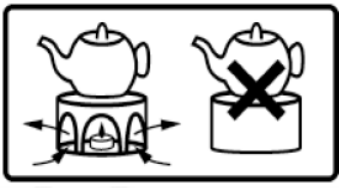
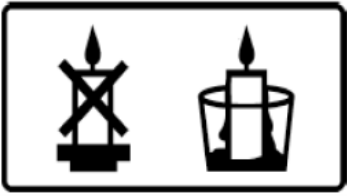
Test data:

In the form of symbol	In the form of Text	Finding
Table 1- mandatory supplementary safety information		
	Never leave a burning candle unattended.	In Symbol Present
	Keep away from things that can catch fire.	In Symbol Present
	Keep away from children and pets.	In Symbol Present
Table 2 – additional mandatory supplementary safety information –specific for certain candles types		
	Use a heat resistant candleholder.	In Symbol Present
Table 3 –additional mandatory supplementary safety information –specific for floating candles		
	Use in a suitable bowl filled with water	Not Present
Table A.1 – optional supplementary safety information		
	Keep candles at least x cm apart. Note: X represents the minimum safety distance between candles and is defined by the manufacturer.	In Symbol Present



	Do not burn in a draught.	Not Present
	Do not place near a heat source.	Not Present
	Place candle upright.	Not Present
	Trim wick to x cm, Note: x represents the maximum length of the wick and is defined by the manufacturer.	No Present
	Snuff out the flame. Do not blow it out.	No Present
	Keep wax pool clear of matches and debris.	Not Present
	Do not move a burning candle.	No Present



	Never use liquid to extinguish.	Not Present
	Remove packaging before use.	Not Present
	Trim edge if higher than x cm. Note: x represents the maximum length of the wick and is defined by the manufacturer.	Not Present
Table A.2 – additional optional supplementary safety information – specific for tea light		
	Only use in holders and warming stoves with sufficient ventilation.	Not Present
Table A.3 – additional optional supplementary safety information – specific for votive candles		
	This candle liquefies, use a suitable container.	Not Present
Table A.4 – additional optional supplementary safety information – specific for container candles		
	Do not touch, may be hot.	Not Present
Table A.5 – Additional optional supplementary safety information – specific for candles not appropriate to use in a warming unit, e.g. scented tea lights		



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Do not burn in a warming unit.

Not Present

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3) Burning safety (EN 15493:2019)

Test standard:	EN 15493:2019 Candles. Specification for fire safety
Number of sample(s) tested:	3 pieces of candle for testing
Instruction label	Provided
Burn test cycle	Burn candle 4 hours, pause for minimum 1 hour. Continue to burn in cycles until self-extinguishing.
Test Conclusion:	Pass

Clause	Requirement	Result
4.1	Stability — Freestanding candles, container candles and candles that are sold together with a holder or other accessories shall not tip over when tested on a slope of $(10 \pm 0.2)^\circ$.	PASS
4.2	Secondary ignition No secondary ignition shall occur for more than 10s	PASS
4.3	Flame height Maximum 75 mm for all candles except tea lights Maximum 30 mm for tea lights	PASS
4.4	Self-extinguishing To prevent the ignition of the surface underneath, freestanding candles marketed as self-extinguishing shall self-extinguish at the end of the burning time. The candles shall neither burn a paper placed underneath nor cause any scorch marks on it during the whole burning test. To prevent the ignition or cracking of a supporting holder, non- freestanding candles marketed as self-extinguishing shall self- extinguish at a residual height of ≥ 12 mm in case of candles with a diameter of ≤ 14 mm and at a residual height of ≥ 18 mm in case of other candles.	NA
4.5	Behaviour after extinguishing After extinguishing the candle shall not spontaneously re-light. The wick shall not continue to glow or smoke for an average time of more than 30 s after extinguishing.	PASS
4.6	Container candles The container shall not crack or break at any time throughout the burning test.	PASS

Abbreviation: NA =Not applicable



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Test data:

Sample ID	Wax weight (in net and g)	Size (mm)
A1	52.9	Φ49.64×62.65
A2	51.7	Φ49.66×63.07
A3	51.2	Φ49.88×62.87

Sample ID	Flame height (mm)		Total burn time(hours)	Percentage of wax burnt (%)	Wax spillage(%)	Average after smoke or glow time (s)
	Minimum	Maximum				
A1	15	25	15H	98.7	--	7
A2	10	30	15H	99.8	--	7
A3	15	25	15H10min	99.0	--	6

Test Material List:

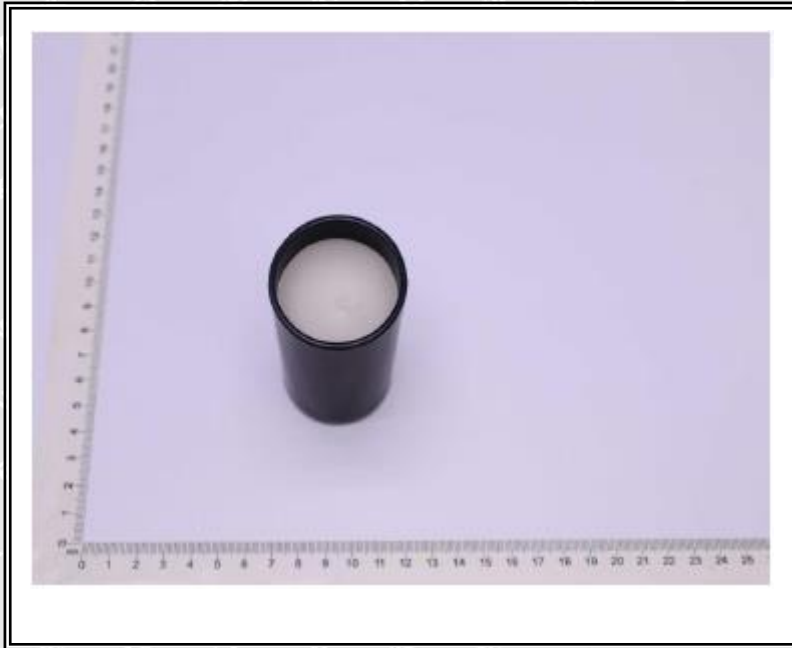
Material No.	Sample Description	Location
1	Black Candle	Individual(MO 9030)

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Test sample photo:





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MO9030 Scented candle in glass



EN

Country of origin: P.R. China

Use instruction: Remove all packaging material from the candle before using.
Always burn the candle in nonflammable or heat resistant receptacle in vertical position.

Warning

Don't leave burning candles unattended.
Keep candles out of reach for children and pets.
Keep at least 10cm (4") between two burning candles.
Keep candles always from curtains, clothes and hair.
Use a heat resistant candleholder.
Trim wicks to 0,5cm (1/4") prior to each use.
Normally don't burn candles more than 4 hours at a time.
Don't put burning candles under shelves.
Don't move candles when they are burning.
Always extinguish candles with a snuffer or metal spoon.
Always use containers that have been made for candles usage.
Keep matches, wick trimmings and foreign objects out of the candle wax.

DE

Herkunftsland: P.R. China

Bedienungsanleitung: Entfernen Sie das gesamte Verpackungsmaterial vor dem ersten Gebrauch. Brennen Sie die Kerze ausschließlich in nicht entflammaren und hitzebeständigen Behältern in vertikaler Position ab.

Warnung

Lassen Sie brennende Kerzen niemals unbeaufsichtigt.
Stellen Sie Kerzen außerhalb der Reichweite von Kindern und Haustieren auf.
Halten Sie zwischen zwei brennenden Kerzen einen Abstand von mindestens 10 cm (4").
Halten Sie Kerzen immer von Vorhängen, Kleidung und Haaren fern.
Verwenden Sie einen hitzebeständigen Kerzenhalter.
Kürzen Sie die Dochte vor jedem Gebrauch bis auf 0,5 cm (1/4").
Brennen Sie die Kerzen nicht länger als 4 Stunden in Folge ab.
Stellen Sie brennende Kerzen nicht unter Regalen ab.
Bewegen Sie brennende Kerzen nicht.
Löschen Sie Kerzen ausschließlich mit einem Löschhütchen oder einem Metallöffel.
Verwenden Sie als Halter ausschließlich Behälter, die zur Nutzung für Kerzen hergestellt wurden.
Stellen Sie sicher, dass sich weder Streichhölzer, Dochtreste noch andere Fremdkörper im Kerzenwachs befinden.

FR

Pays d'origine: P.R. Chine

Instructions d'utilisation: Retirez tout l'emballage de la bougie avant de l'utiliser.
Toujours faire brûler la bougie dans un récipient non inflammable ou résistant à la chaleur en position verticale.

Attention

Ne laissez pas les bougies allumées sans surveillance.
Gardez les bougies hors de portée des enfants et des animaux de compagnie.
Laissez au moins 10 cm (4") entre deux bougies allumées.
Éloignez toujours les bougies des rideaux, vêtements et cheveux.
Utilisez un bougeoir résistant à la chaleur.
Coupez les mèches à 0,5cm (1/4") avant chaque utilisation.
Ne pas laisser une bougie allumée plus de 4 heures de suite.
Ne mettez pas de bougie allumée sous une étagère.
Ne déplacez pas les bougies lorsqu'elles brûlent.



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Toujours éteindre les bougies avec un éteignoir ou une cuillère en métal.
Toujours utiliser des supports qui ont été fabriqués pour l'utilisation de bougies.
Gardez les allumettes, les garnitures de mèche et les objets étrangers éloignés de la cire de bougie.

ES

Pais de origen: R.P. China

Instrucciones de uso: retirar todo el material de embalaje de la vela antes de su uso.
Siempre encender la vela en posición vertical en recipientes no inflamables o resistentes al calor.

Advertencias:

No dejar las velas encendidas sin supervisión.
Mantener las velas fuera del alcance de los niños y mascotas.
Mantener al menos 10 cms. (4") entre 2 velas encendidas.
Siempre mantener las velas alejadas de cortinas, ropa y pelo.
Utilice un candelabro resistente al calor.
Cortar la mecha a 0,5 cms. (1/4") antes de cada uso.
En condiciones normales, no hacer arder las velas más de 4 h. a la vez.
No poner velas ardiendo bajo estanterías.
No mover las velas cuando estén ardiendo.
Siempre apagar las velas con un apagavelas o cuchara de metal.
Siempre utilizar recipientes específicos que estén hechos para su uso.
Mantener alejadas de la vela: cerillas, mechas y demás objetos extraños.

IT

Paese d'Origine: Repubblica Popolare Cinese

Istruzioni d'uso: rimuovere tutto l'imballaggio prima dell'uso.
Accendere la candela su supporti non infiammabili e resistenti al calore. Mantenere sempre in posizione verticale.

Avvertenze

Non lasciare la candela accesa e incustodita.
Mantenere fuori dalla portata dei bambini e degli animali.
Mantenere almeno 10cm (4") di distanza tra due candele accese.
Tenere lontano da tende, vestiti e capelli.
Utilizzare un portacandele resistente al calore.
Tagliare lo stoppino a 0,5cm (1/4") prima di ogni utilizzo.
Non bruciare candele per oltre 4 ore alla volta.
Non lasciare candele accese sotto gli scaffali.
Non spostare le candele quando sono accese.
Spegnere la candela utilizzando un tampone o un cucchiaino di metallo.
Utilizzare sempre contenitori specifici per candele.
Tenere gli oggetti estranei lontano dalla candela.

NL

Land van herkomst: P.R. China

Gebruik instructies: Verwijder alle verpakkingsmateriaal van de kaars voor gebruik.
Brand kaarsen altijd in een niet-brandbaar of hittebestendige houder in verticale positie.

Waarschuwing:

Laat brandende kaarsen niet onbeheerd achter.
Houd kaarsen buiten bereik van kinderen en huisdieren.
Houd ten minste 10 cm (4 ") ruimte tussen twee brandende kaarsen.
Houd kaarsen altijd van gordijnen, kleding en haren verwijderd.
Gebruik een hittebestendige kandelaar.
Knip lonten tot 0,5 cm (1/4 ") elke keer vóór gebruik.
Normaal gesproken niet branden kaarsen meer dan 4 uur per keer.
Plaats geen brandende kaarsen onder planken.
Kaarsen niet bewegen of verplaatsen wanneer ze branden.
Doof kaarsen met een daarvoor bestemde metalen kaarsen dover.
Gebruik altijd houders die geschikt zijn voor het gebruik van kaarsen.
Houd lucifers, lont, en vreemde voorwerpen uit het kaarsvet.

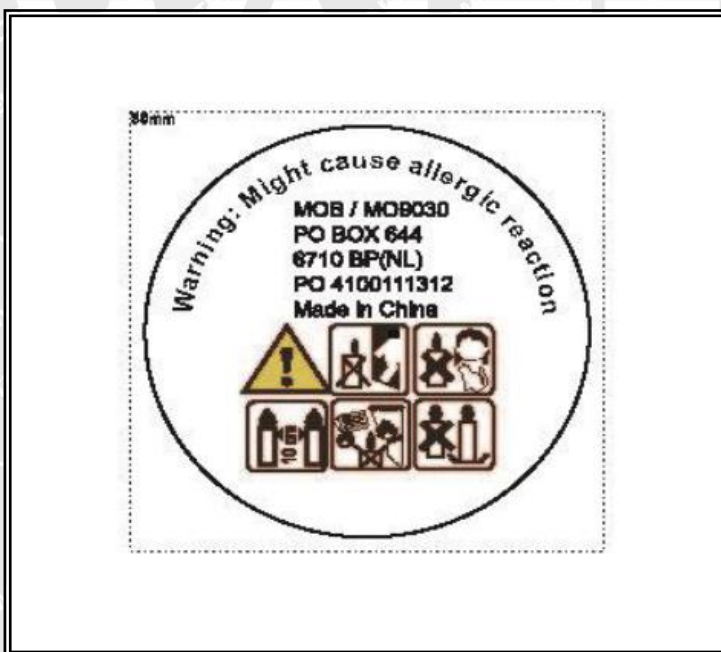


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PL
Kraj pochodzenia: P.R. Chiny

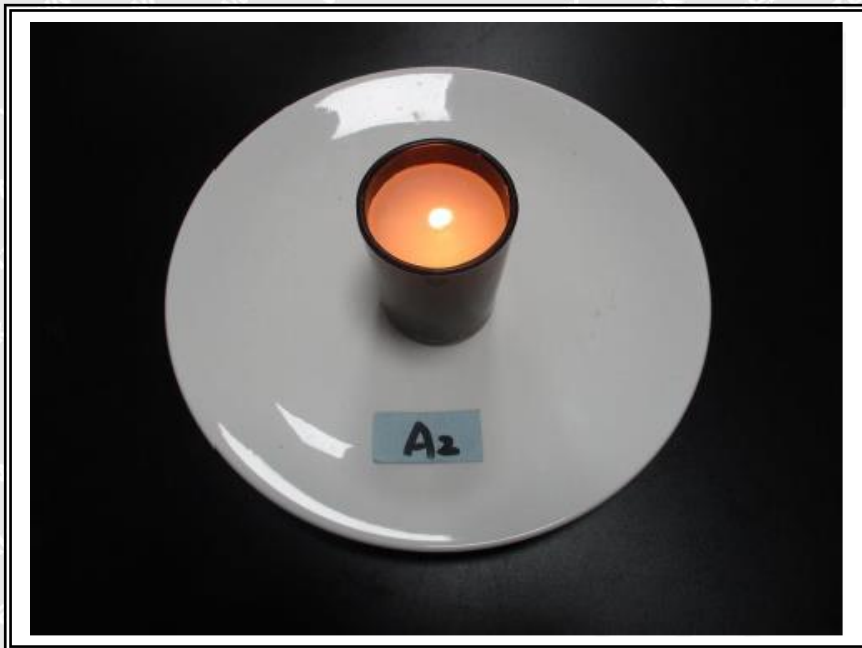
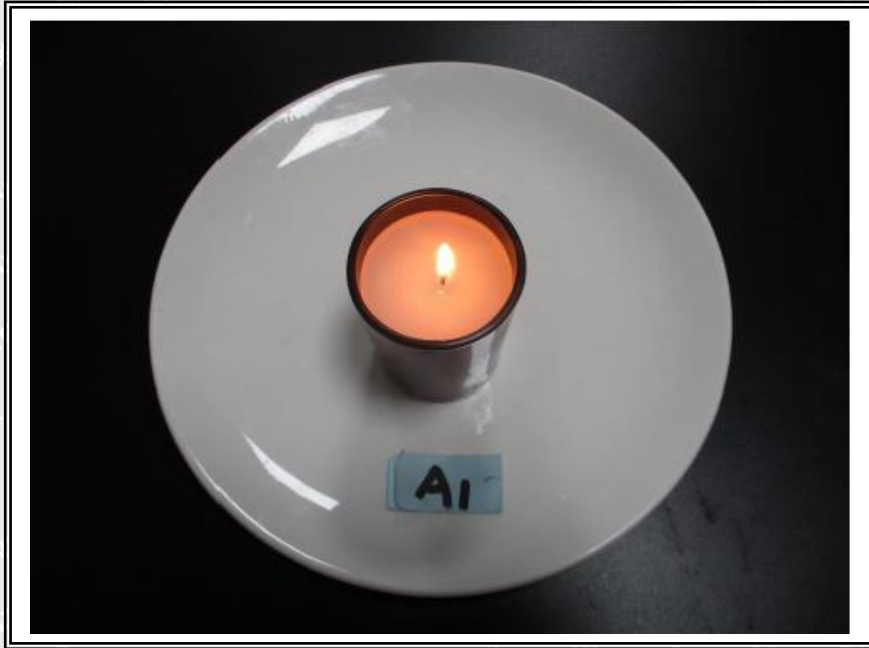
Przed użyciem przeczytaj instrukcję: Przed użyciem należy całkowicie odpakować świecę.
Zawsze zapalaj świecę w pozycji pionowej, w odpornym na wysokie temperatury pojemniku.

Ostrzeżenie
Nie pozostawiaj palących się świeczek bez nadzoru.
Trzymaj świecę poza zasięgiem dzieci i zwierząt domowych.
Zachowaj odstęp co najmniej 10 cm (4 ") pomiędzy dwoma palącymi się świecami.
Zawsze trzymaj świecę z dala od zastaw, ubrań i włosów.
Użyj odpornego na ciepło stojaka na świeczkę.
Przytnij knot do 0,5 cm (1/4 ") przed każdym użyciem.
Nie pal świec dłużej niż 4 godziny za jednym razem.
Nie umieszczaj palących się świec pod półkami.
Nie ruszaj palącej się świecy.
Zawsze gaś świeczki przy użyciu gaśnicy do świec.
Zawsze używaj pojemników, przystosowanych do świec.
Trzymaj zapalaki i inne łatwopalne lub obce przedmioty z dala od wosku.



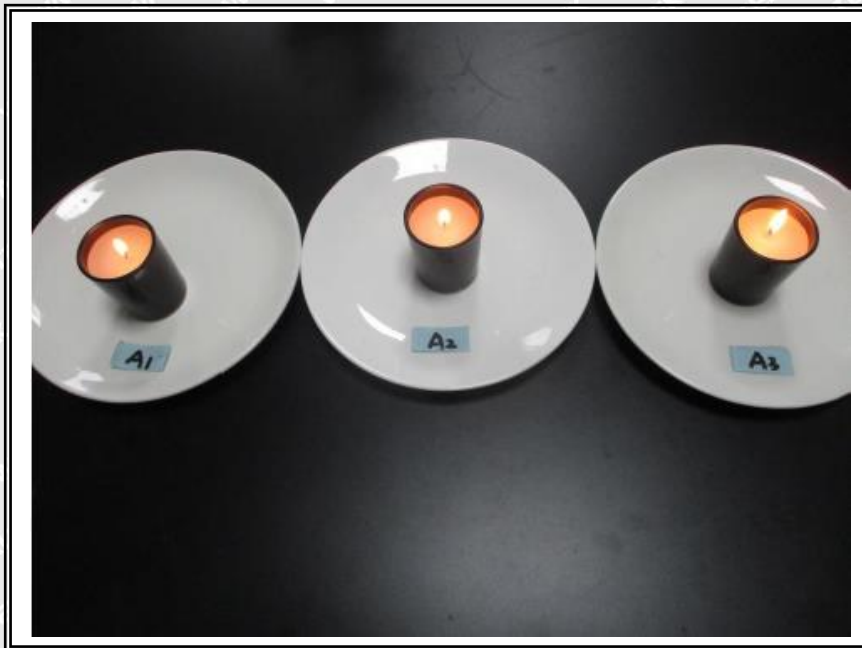
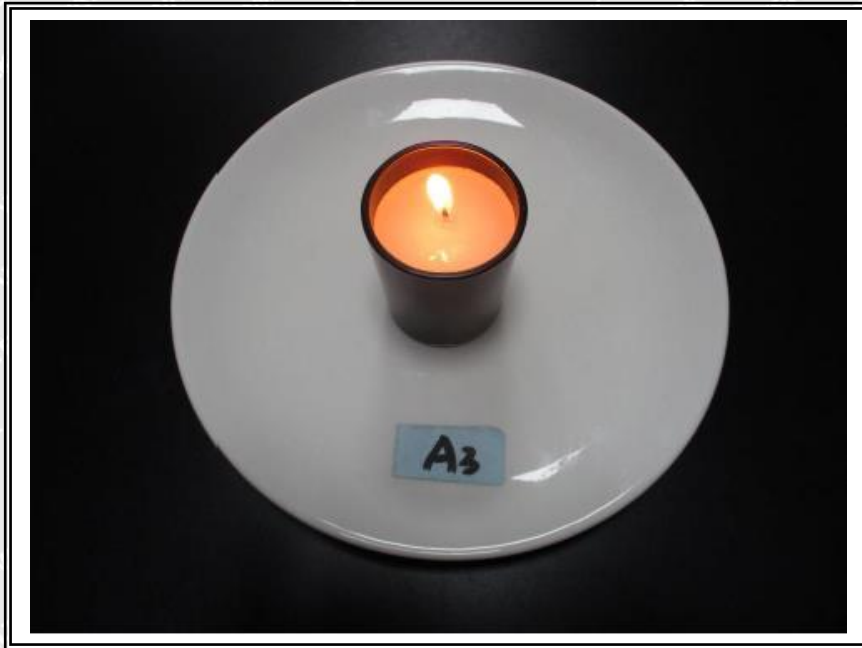


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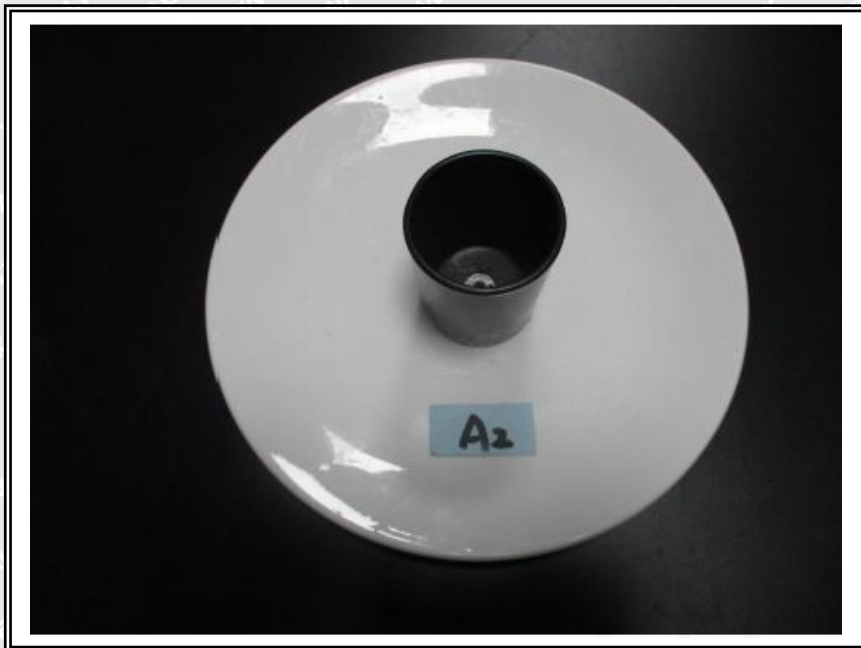
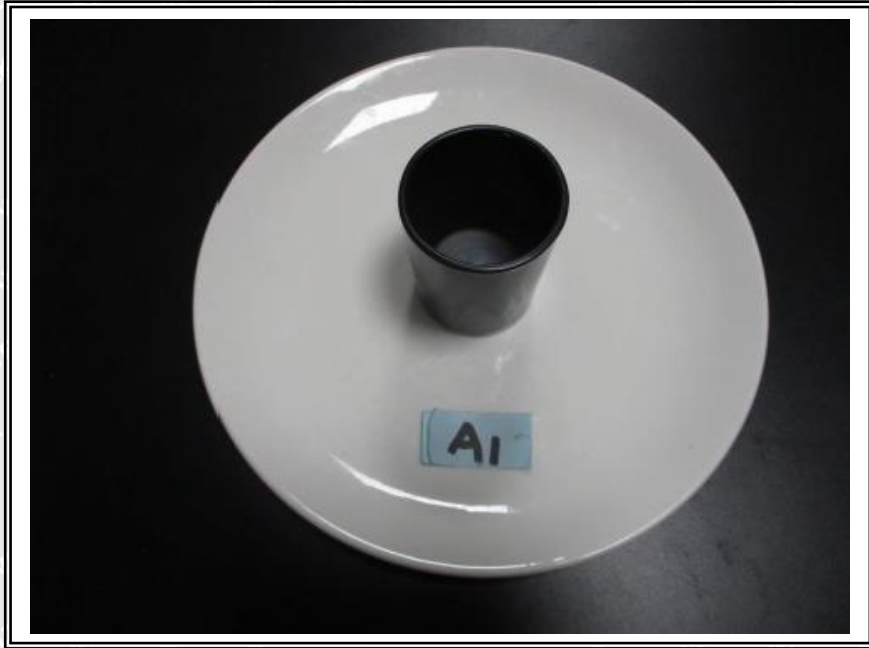


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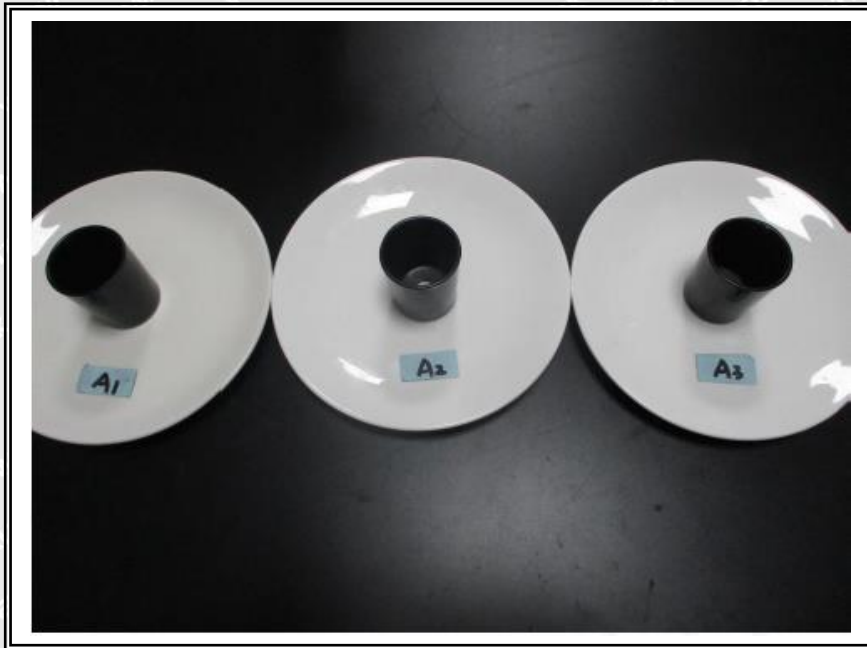


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Remarks:

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===== End of Report =====

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