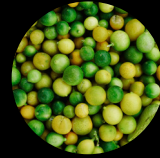


AROMATIC MAPPING OF
MOLECULAR HARMONIES



DISSECTING THE RUM AT MOLECULAR LEVEL

UNIQUE AROMATIC PROFILE
REVEALED BY GC-MS ANALYSIS AND ORGANOLEPTIC TASTING

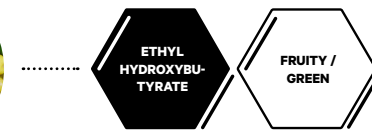
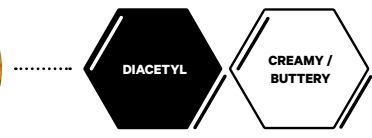
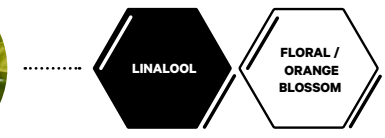
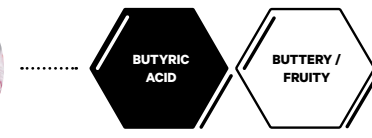
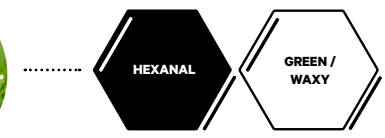


CHARTIER
WORLD LAB

BOTRAN 8



**DOMINANT
MOLECULES &
ASSOCIATED
AROMA**



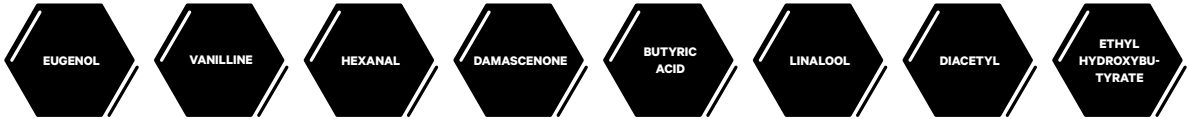
AROMA



MOLECULE



AROMATIC
PROFILE



SPICES & HERBS

 CINNAMON	 CARDAMOM	 TONKA BEAN	 GINGER	 CLOVE
 CITRONELLA	 CURRY	 MINT	 EUCALYPTUS	

FLOWERS

 ROSE	 OSMANTHUS FLOWER	 SAFFRON	 LAVENDER
---	---	--	---

SEA & LAND

 GRILLED CHICKEN	 SCALLOPS
--	---

FRUIT & VEGETABLE

 PINEAPPLE	 BANANA	 FIG	 APRICOT	 GRAPEFRUIT
 PEAR	 LYCHEES	 COCONUT	 LIME	 PAPAYA
 AVOCADO	 CELERY LEAF	 FRENCH FRIES	 PUMPKIN	

OTHERS

 BROWN SUGAR	 CARAMEL	 MARSHMALLOW	 CUSTARD CREAM	 POPCORN
 MAPLE SYRUP	 CHEESE CURED	 MOZZARELLA	 VANILLA	

CANDY & FLOWERY

MARSHMALLOW
MATCHING INGREDIENTS



Apple
Caramel
Cheese
Cinnamon
Cloves
Curry
Dried apricot
Dulce de leche
Hibiscus
Honey
Maple syrup
Nutmeg
Ginger bread
Spiced bread
Vanilla
Walnuts

MARSHMALLOW
MATCHING BEVERAGE



Stout beer
Bourbon
Ice cider
Cognac

PINEAPPLE
MATCHING INGREDIENTS



Balsamic vinegar
Basil
Blue cheese
Galangal
Ginger
Guinea pepper
Jasmine
Lemon
Mandarin
Miso
Mushrooms
Orange
Peach
Sichuan pepper
Soy sauce
Strawberry
Turmeric

PINEAPPLE
MATCHING BEVERAGE



Chardonnay (NW)
Cognac
Sauternes
Jasmin tea
Amontillado Sherry
Zinfandel
Earl Grey Tea

BANANA
MATCHING INGREDIENTS



Allspice
Bacon
Bergamot
Cherry
Dark chocolate
Dried ham
Fig
Kiwi
Lavender
Papaya
Parsnip
Pear
Star anise
Walnut

BANANA
MATCHING BEVERAGE



Doppelbock Aventinus beer
Ice cider
Cognac
Gin
Rosé wine
Oloroso sherry
Coffee

OSMANTHUS FLOWER MATCHING INGREDIENTS 	OSMANTHUS FLOWER MATCHING BEVERAGE 	CUSTARD CREAM MATCHING INGREDIENTS 	CUSTARD CREAM MATCHING BEVERAGE 	COCONUT MATCHING INGREDIENTS 	COCONUT MATCHING BEVERAGE 
Almond Blackcurrant Butter Cantaloupe melon Coconut Dried rose Guava Lavender Lemon balm Passion fruit Pecan Nut Peppermint Pig Raspberry Rose water Shiso Violet liqueur Violet water	Chardonnay Muscat Apricot nectar Peach nectar Sake Nigori Jasmine tea Earl grey tea Maple whiskey	Beetroot Brown rice Cranberries Grilled or roasted vegetables Grilled/roasted fish Liquorice Melon Pepper Plum Roast or grilled meat Scallop Star anise Toasted sesame seeds Tonka bean Turmeric Wild rice	Banyuls Stout beer Chardonnay (NM) Cognac violet liqueur Porter amontillado/oloroso sherry Wulong tea (cooked)	Almond Apricot Black pudding Butter Caramel cap Mushrooms Cheese Curry Hazelnut Honey Maple syrup Nutmeg Osmanthus flower Peach Pecan Pork Scallop Tonka bean Umami foods Vanilla	Bourbon Cognac Oporto Sake Koshu