Aroma Bit, Inc.

# Aroma Coder®V2 Set **PCA Data** Orange juice by Manufacturer

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Data Sample: Orange juice by Manufacturer



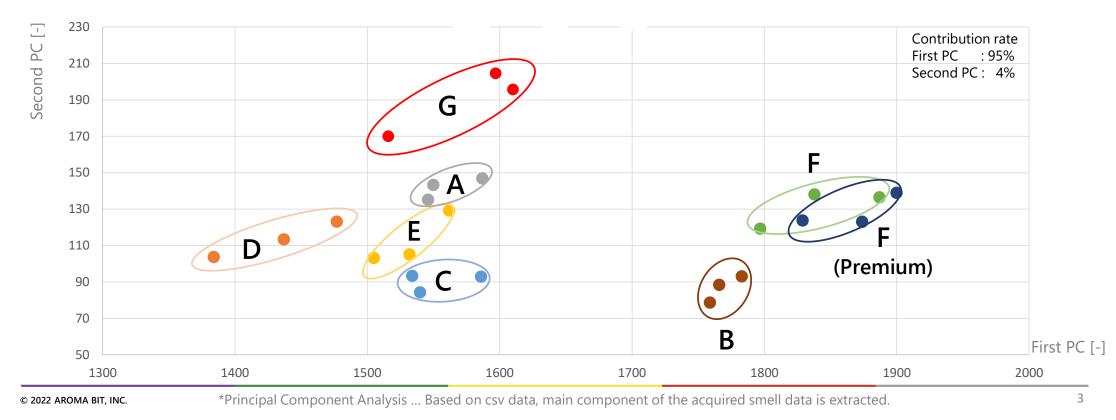
#### PCA Data Sample: Orange juice by Manufacturer



8 orange juice samples from 7 different manufacturers is measured with Aroma Coder ® V2 Set and principal component analysis [PCA] is conducted.

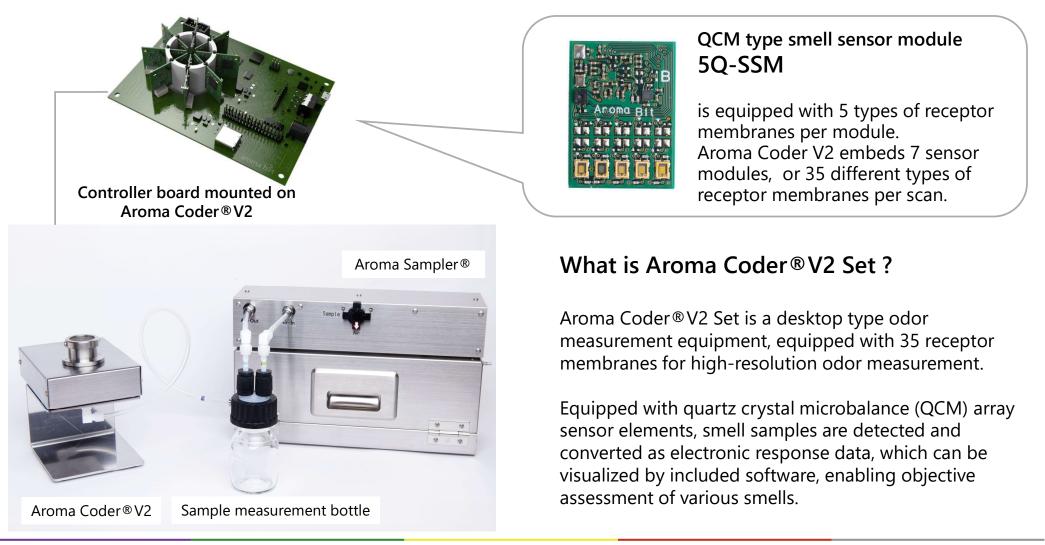
#### **Conclusion:**

Aroma Coder V2 successfully achieved high odor resolution discrimination of orange juice samples by juice manufacturers.
2 samples from the same manufacturer (Manufacturer F) are plotted close together, implying high resolution odor discrimination of the different product smell (caused by differences in ingredients, recipes, etc.) despite the sample from the same manufacturer.



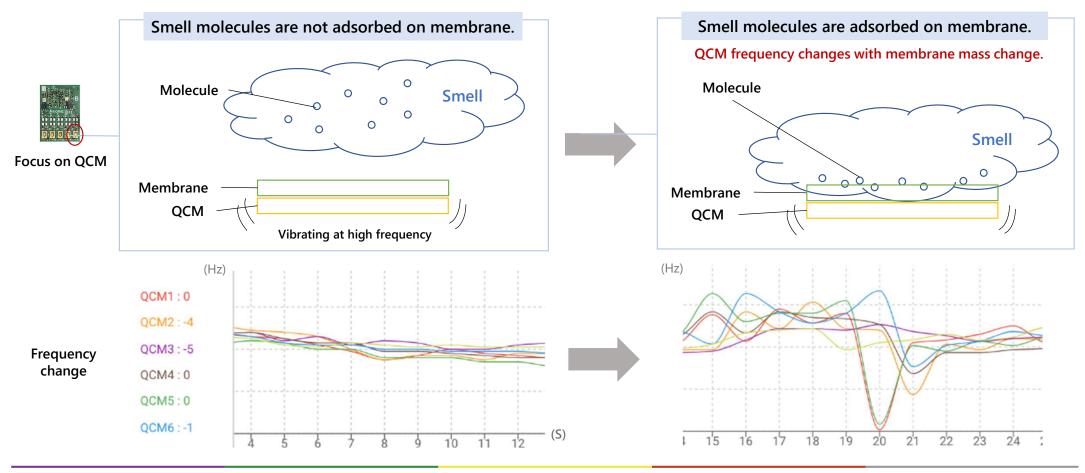
#### Aroma Coder®V2 Set - Product Information







Mass change is detected as QCM frequency change, induced by the adsorption/desorption of chemical substance of smell sample at receptor membrane surface.



### **Applications**

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## Food & Beverages, Agriculture

**Consumer Products** 

**Product Development** 

Experimentation, Research The product is not only for juice, intended for use in Food & Beverages, Agriculture, Consumer Products, as well as in experiments and research at universities and research institutes.



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