## 1 A Nanophase Materials and Organic Dye modified Colorimetric

Sensor Array for The	e Discrimination of Baijiu
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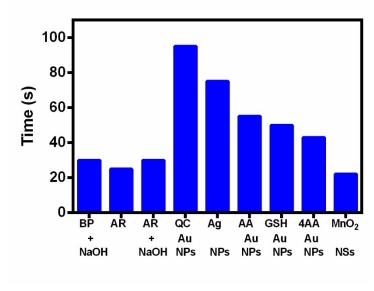
11 *#*These 2 authors made equal contrition to this work.

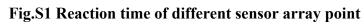
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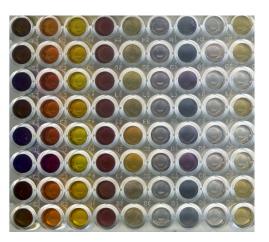
huodq23@163.com (D. Huo)

12

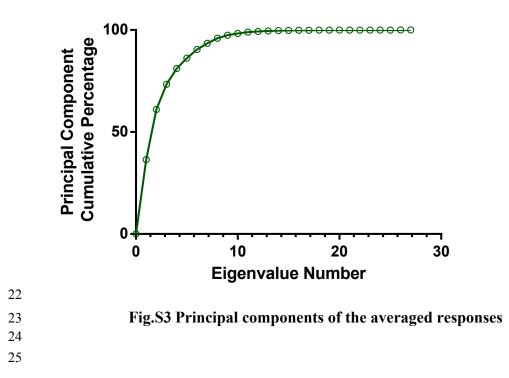








- Fig.S2 HD image of array in before and final reaction



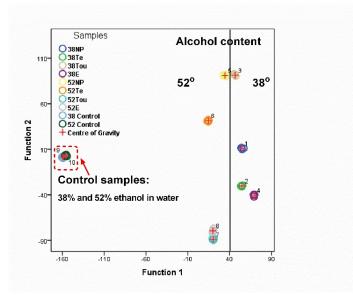


Fig.S4 Control experiment of 38% and 52% alcohol in water

## Table.S1

		Samples	Predicted group membership								
			1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	Total
Original	Count	1.00	5	0	0	0	0	0	0	0	5
		2.00	0	5	0	0	0	0	0	0	5
		3.00	0	0	5	0	0	0	0	0	5
		4.00	0	0	0	5	0	0	0	0	5
		5.00	0	0	0	0	5	0	0	0	5
		6.00	0	0	0	0	0	5	0	0	5
		7.00	0	0	0	0	0	0	5	0	5
		8.00	0	0	0	0	0	0	0	5	5
	%	1.00	100.0	.0	.0	.0	.0	.0	.0	.0	100.0
		2.00	.0	100.0	.0	.0	.0	.0	.0	.0	100.0
		3.00	.0	.0	100.0	.0	.0	.0	.0	.0	100.0
		4.00	.0	.0	.0	100.0	.0	.0	.0	.0	100.0
		5.00	.0	.0	.0	.0	100.0	.0	.0	.0	100.0
		6.00	.0	.0	.0	.0	.0	100.0	.0	.0	100.0
		7.00	.0	.0	.0	.0	.0	.0	100.0	.0	100.0
		8.00	.0	.0	.0	.0	.0	.0	.0	100.0	100.0
Cross-	Count	1.00	5	0	0	0	0	0	0	0	5
validated <sup>b</sup>		2.00	0	5	0	0	0	0	0	0	5
		3.00	0	0	5	0	0	0	0	0	5

Table S1 Classification results<sup>a,c</sup> for discrimination of the Chinese Base Liquors from Luzhou Laojiao. <sup>a,c</sup>

		4.00	0	0	0	5	0	0	0	0	5
		5.00	0	0	0	0	5	0	0	0	5
		6.00	0	0	0	0	0	5	0	0	5
		7.00	0	0	0	0	0	0	5	0	5
_		8.00	0	0	0	0	0	0	0	5	5
_	%	1.00	100.0	.0	.0	.0	.0	.0	.0	.0	100.0
		2.00	.0	100.0	.0	.0	.0	.0	.0	.0	100.0
		3.00	.0	.0	100.0	.0	.0	.0	.0	.0	100.0
		4.00	.0	.0	.0	100.0	.0	.0	.0	.0	100.0
		5.00	.0	.0	.0	.0	100.0	.0	.0	.0	100.0
		6.00	.0	.0	.0	.0	.0	100.0	.0	.0	100.0
		7.00	.0	.0	.0	.0	.0	.0	100.0	.0	100.0
		8.00	.0	.0	.0	.0	.0	.0	.0	100.0	100.0

<sup>a</sup>100% of original grouped cases correctly classified.

<sup>b</sup>Cross validation is done only for those cases in the analysis. In cross validation, each case is classified by the functions derived from all cases other than that case.

°100% of cross-validated grouped cases correctly classified.