

PRODUCT NEWS

PRODUCT MODIFICATION*: MULTIACID & MULTISUGAR STANDARDS

Dear BioSystems User,

It is our pleasure to announce that BioSystems R&D Department has improved the Multiacid standard supplied with the next kits: L-malic acid, L-lactic acid, D-lactic acid, Gluconic acid, Acetic acid and Citric acid and our Multisugar standard supplied with the next kits: D-Glucose/D-Fructose and Sucrose/Total Sugar.

To carry out these product modifications:

- ✓ The volume supplied has been increased from 3 to **5 ml**.
- ✓ In case of multiacid standard: the L-malic acid concentration has been increased from 1 to **2 g/L**, in order to improve the one point calibration when using the linearity limit around 4 g/L.
- ✓ In case of multisugar standard: the concentration of D-glucose has been increased from 1 to **3 g/L**, the concentration of D-glucose/D-fructose from 2 to **4 g/L** and the concentration of total sugars from 3,05 g/l to **5,05 g/L**. All to improve the calibration.
- ✓ A sheet with values is supplied separately from the insert.

The new multiacid and multisugar calibrators from BioSystems are **ready to use** and both remain **stable until the expiration date**.

	Multiacid (5 mL)		Units	Multisugar (5 mL)		Units
Parameters	L-malic acid*	2	g/L			
	L-lactic acid	0,5	g/L	D-Glucose*	3	g/L
	D-lactic acid	0,125	g/L	D-Glucose/D-Fructose*	4	g/L
	Acetic acid	0,5	g/L	Sucrose	1	g/L
	Citric acid	250	mg/L	Total sugar*	5,05	g/L
	Gluconic acid	0,5	g/L			

Figure 1. Multiacid and Multisugar values and parameters (5 mL).

With these modifications, our enological system provides a product to calibrate different parameters in a better way, among a wide range of reagents, control wines and two automatic analyzers, Y-15 and Y-25.

If you need any technical assistance, please contact our customer service, mads.svenningsen@admeo.us
For further information or comments do not hesitate to contact us.

With Care,
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**Note: these modifications will be applied sequentially in the different kits when releasing the new batches.*