Supplementary materials for the article:

Yewale S. et al. Benefits of Soleris® over the Conventional Method for Enumeration of Microbial Load in *Salacia* Herbal Extract
Pol J Microbiol. 2020, Vol. 69, No 4, 453–462.

Table SIa
Individual dilution results of total coliforms count.

S.N.	Sample ID	Dilutions inoculated	Growth/No growth	Detection time (h)
1	SR011903	10^1	No growth	-
		10^2	No growth	-
		10^3	No growth	-
2	RDP/SR/070/SS01	10^1	No growth	-
		10^2	No growth	-
		10^3	No growth	-
3	RDP/SR/070/ES02	10^1	No growth	-
		10^2	No growth	-
		10^3	No growth	-
4	RDP/SR/070/GR03	10^1	No growth	-
		10^2	No growth	-
		10^3	No growth	-
5	RDP/SR/068	10^1	No growth	-
		10^2	No growth	-
		10^3	No growth	-
6	RDP/SR/134	ND	ND	-
7	RDP/SR/136	ND	ND	-

ND – Not done

Table SIb

Comparison between Soleris® (CC-109) and Conventional method.

S.N.	Sample ID	Soleris® CFU/g	Conventional method (CFU/g)	Acceptable/ Not acceptable
1	SR011903	< 10	< 10	Acceptable
2	RDP/SR/070/SS01	< 10	< 10	Acceptable
3	RDP/SR/070/ES02	< 10	< 10	Acceptable
4	RDP/SR/070/GR03	< 10	< 10	Acceptable
5	RDP/SR/068	< 10	< 10	Acceptable
6	RDP/SR/068	ND	ND	-
7	RDP/SR/134	ND	ND	-

ND – Not done

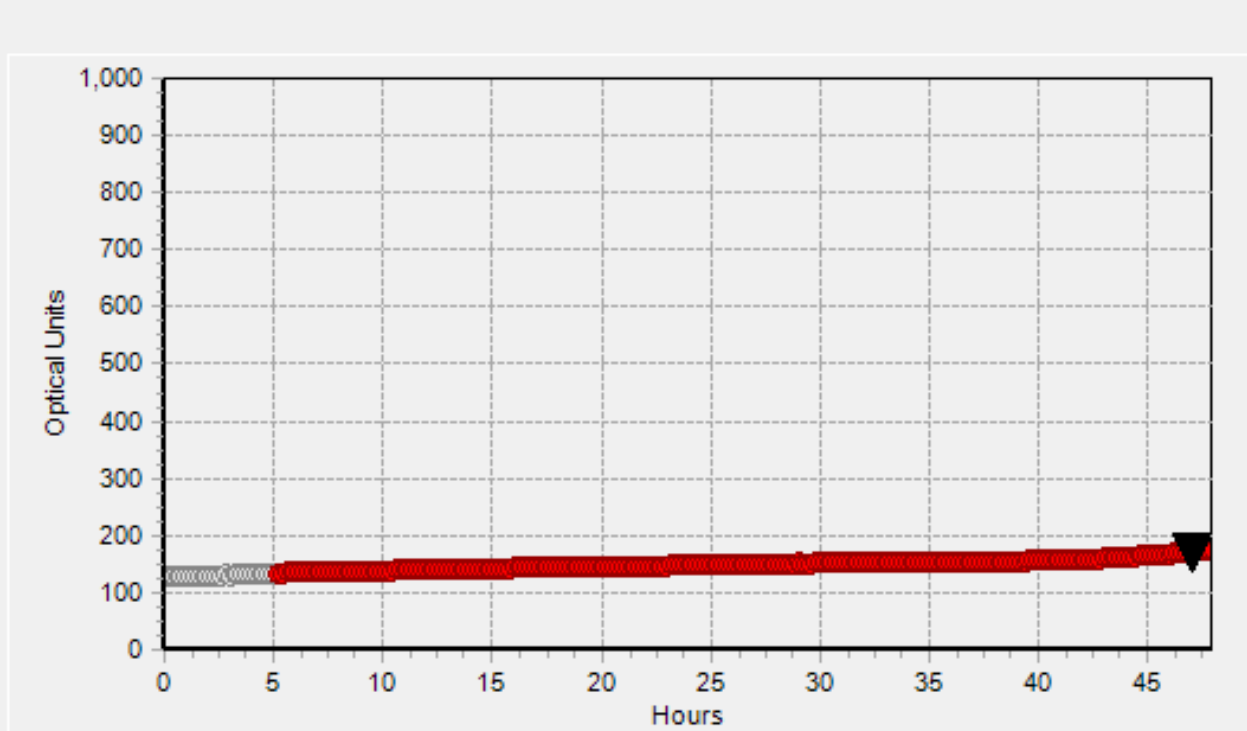

Fig. S1a. Sample SR011903 showed positive results of yeast and molds at 10^{-1} dilution in DYM-109-C vails of Soleris®. The X axis shows time in h while the Y axis represents optical units at 600 nm. The red curve represents the growth curve seen at the end of 47 hours which accounted for almost > 10 CFU/g by Soleris®.

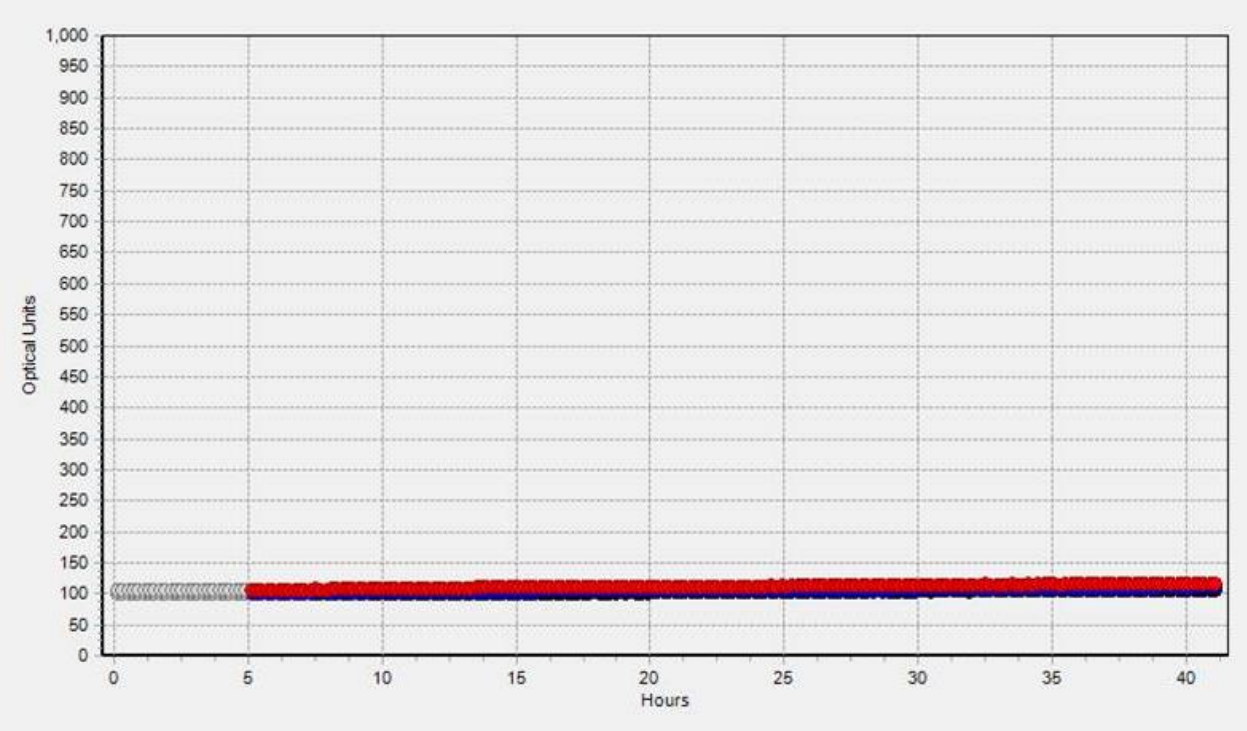

Fig. S1b. Sample RDP/SR/070/SS01 showed negative results for yeast and molds in DYM-109-C vails of Soleris®. The X axis shows time in h while the Y axis represents optical units at 600 nm. Black curve denotes 10^{-3} dilution, blue curve denotes 10^{-2} dilution while red curve denotes 10^{-1} dilution.

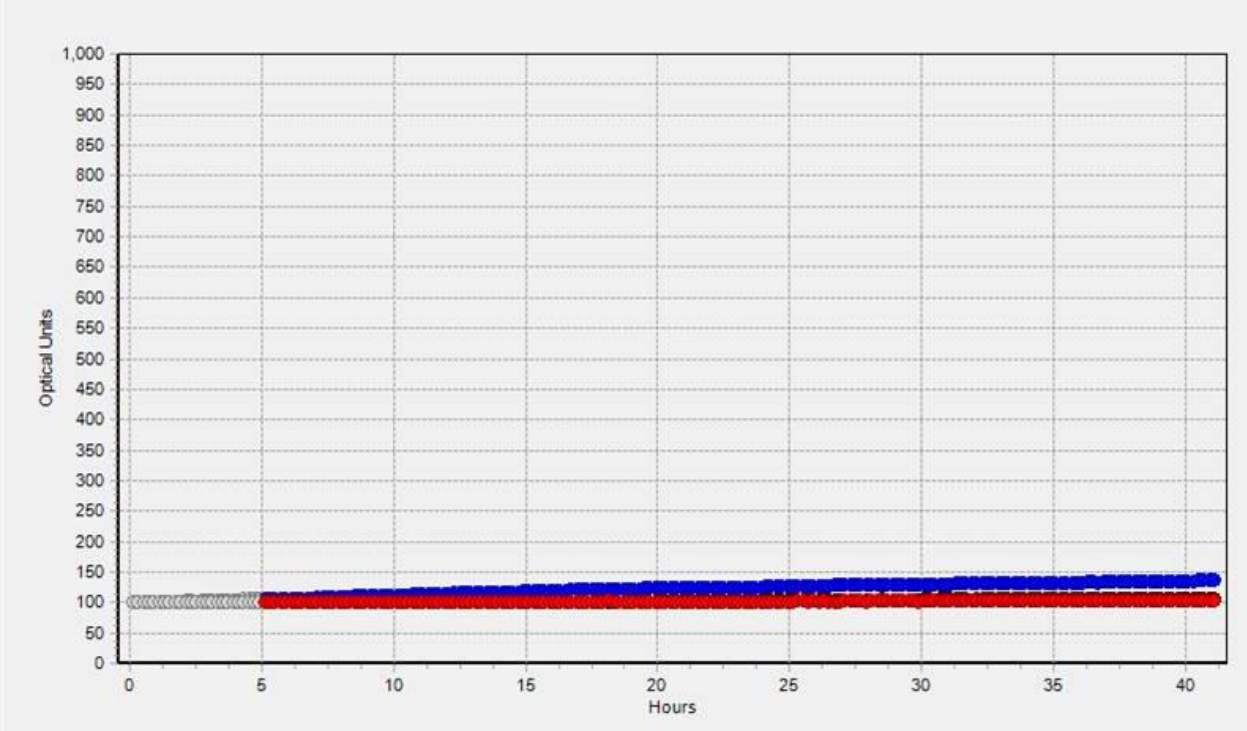

Fig. S1c. Sample RDP/SR/070/ES02 in Soleris® DYM 109-C vials showed negative results for yeast and molds. The X axis shows time in h while the Y axis represents optical units at 600 nm. Red curve denotes 10^{-3} dilution, black curve denotes 10^{-2} dilution while blue curve denotes 10^{-1} dilution.

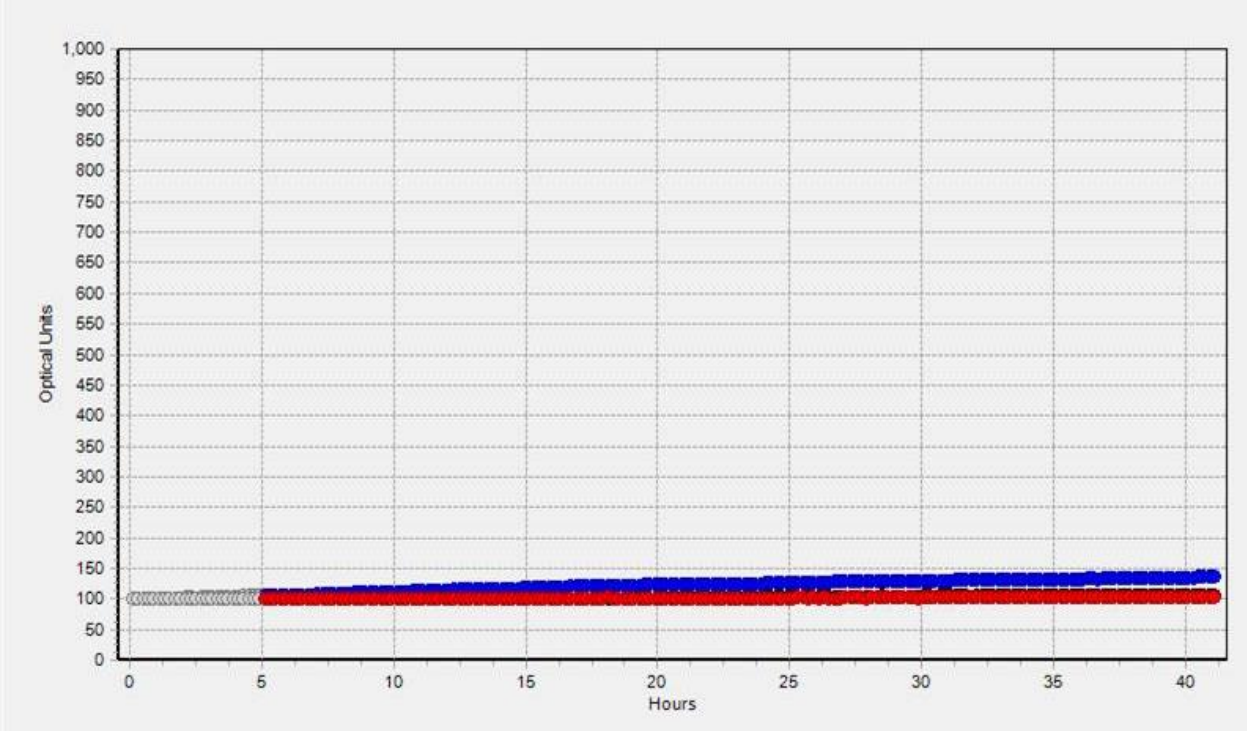

Fig. S1d. Sample RDP/SR/070/GR03 showing no contamination of yeast and molds in Soleris® DYM 109-C vials. The X axis shows time in h while the Y axis represents optical units at 600 nm. Red curve denotes 10^{-3} dilution, black curve denotes 10^{-2} dilution while blue curve denotes 10^{-1} dilution.

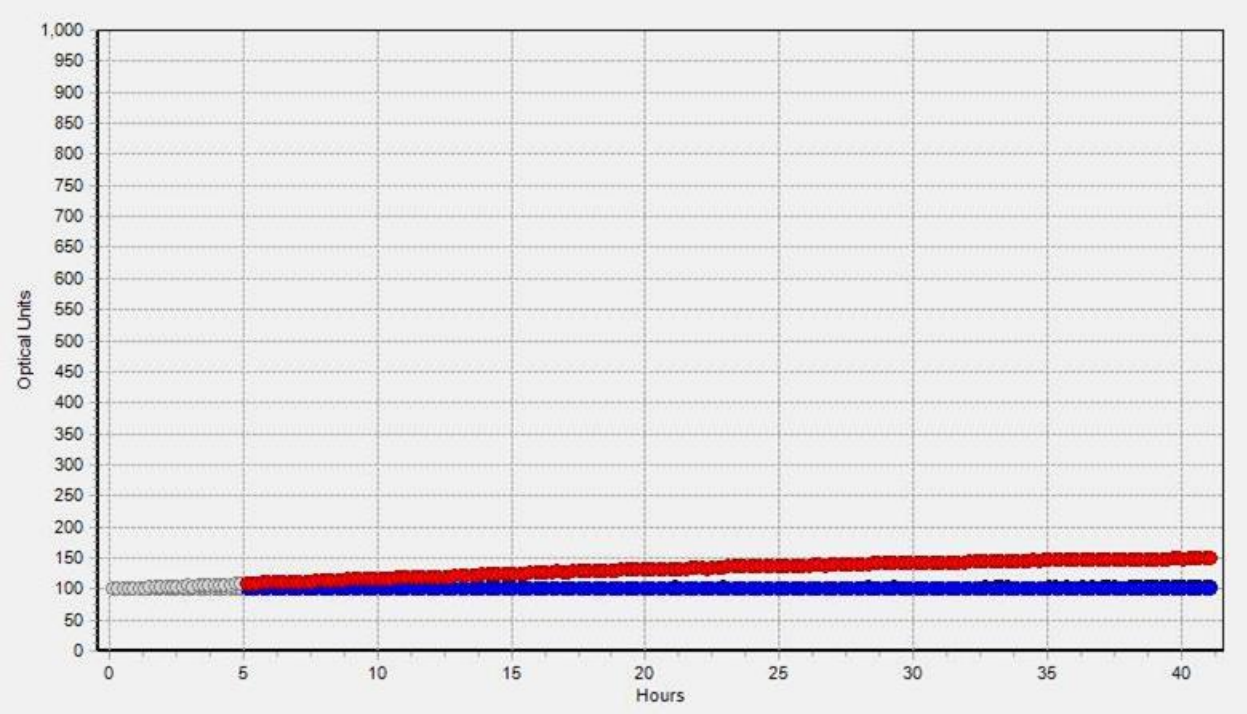

Fig. S1e. Sample RDP/SR/068 showing negative results for yeast and molds in Soleris® DYM 109- vials. The X axis shows time in h while the Y axis represents optical units at 600 nm. Black curve denotes 10^{-3} dilution, blue curve denotes 10^{-2} dilution while red curve denotes 10^{-1} dilution.

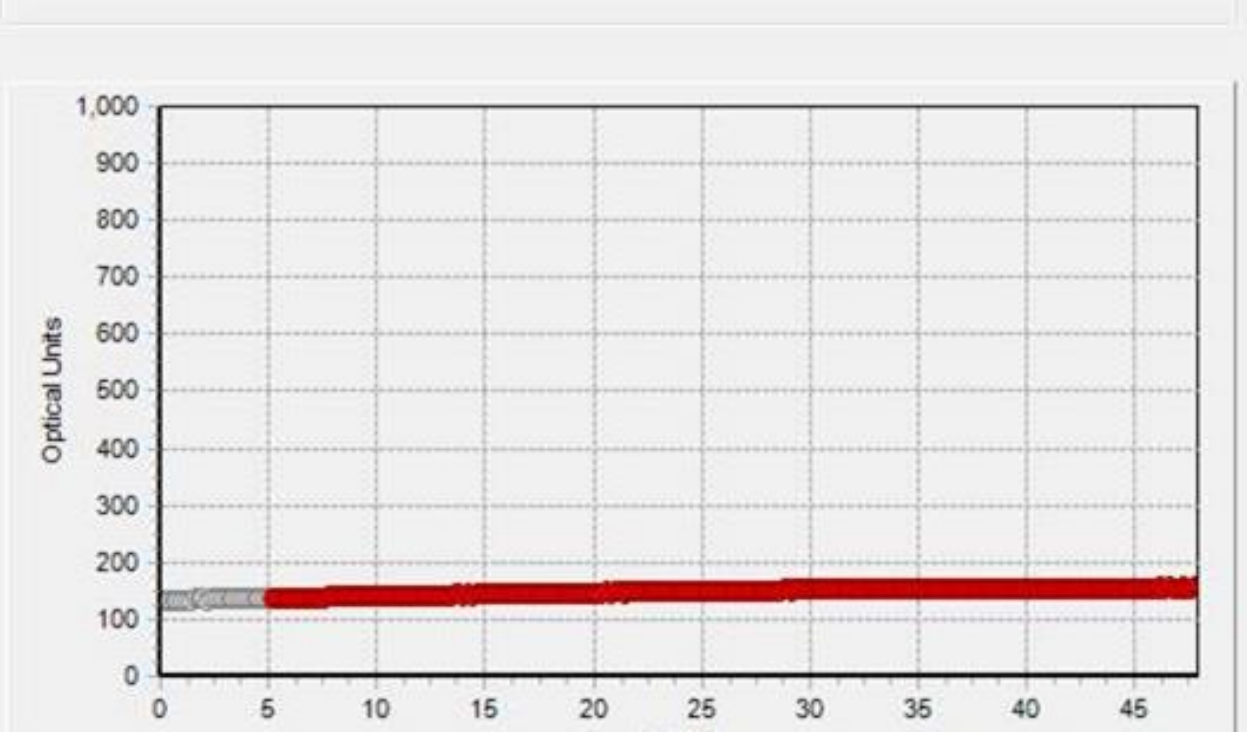

Fig. S1f. Sample RDP/SR/134 showing no detection of yeast and molds for 10^{-1} dilution in Soleris® DYM-109C vials. The X axis shows time in h while the Y axis represents optical units at 600 nm. The growth curve is represented by the red curve at 10^{-1} sample dilution.