

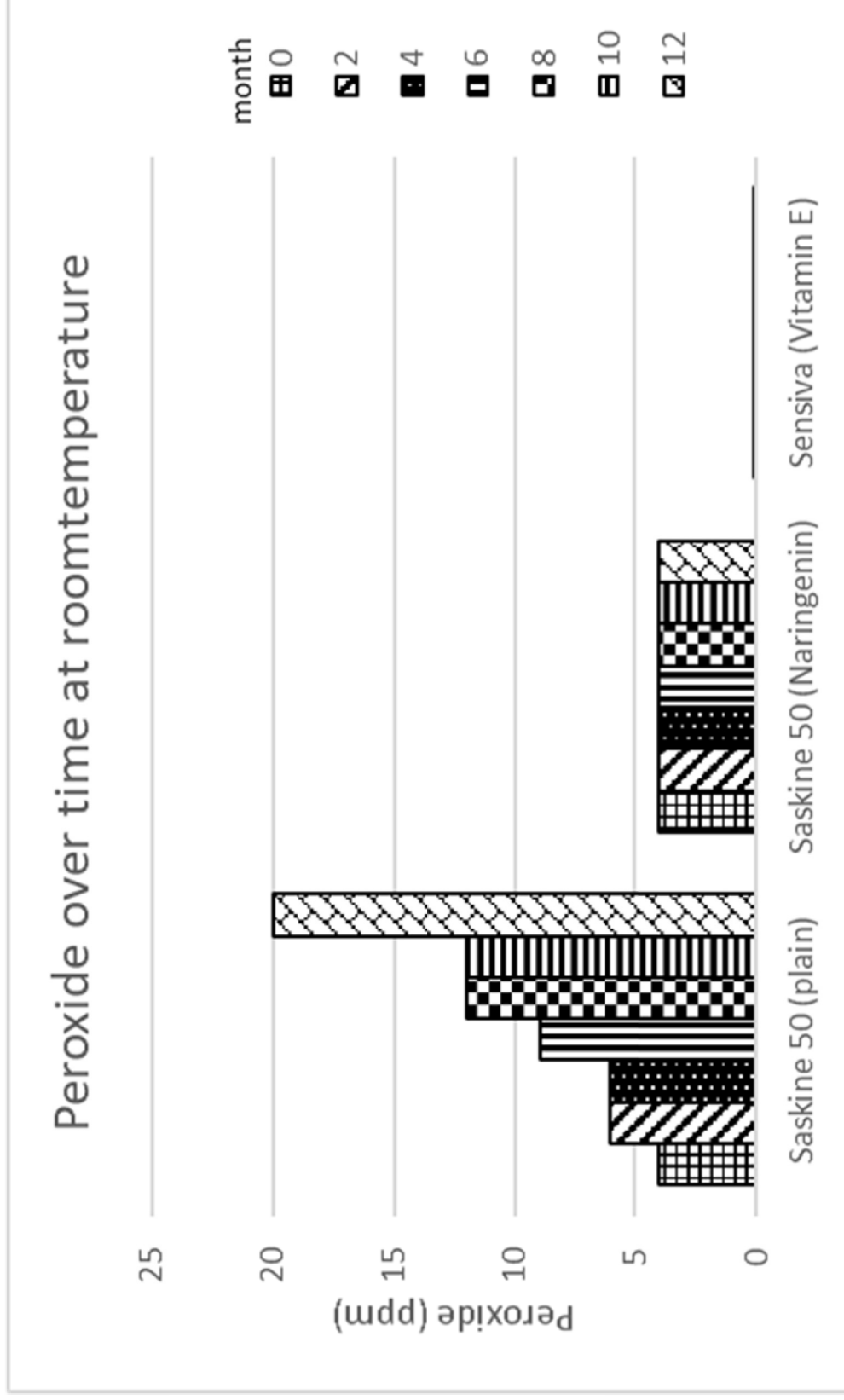


FIG. 1

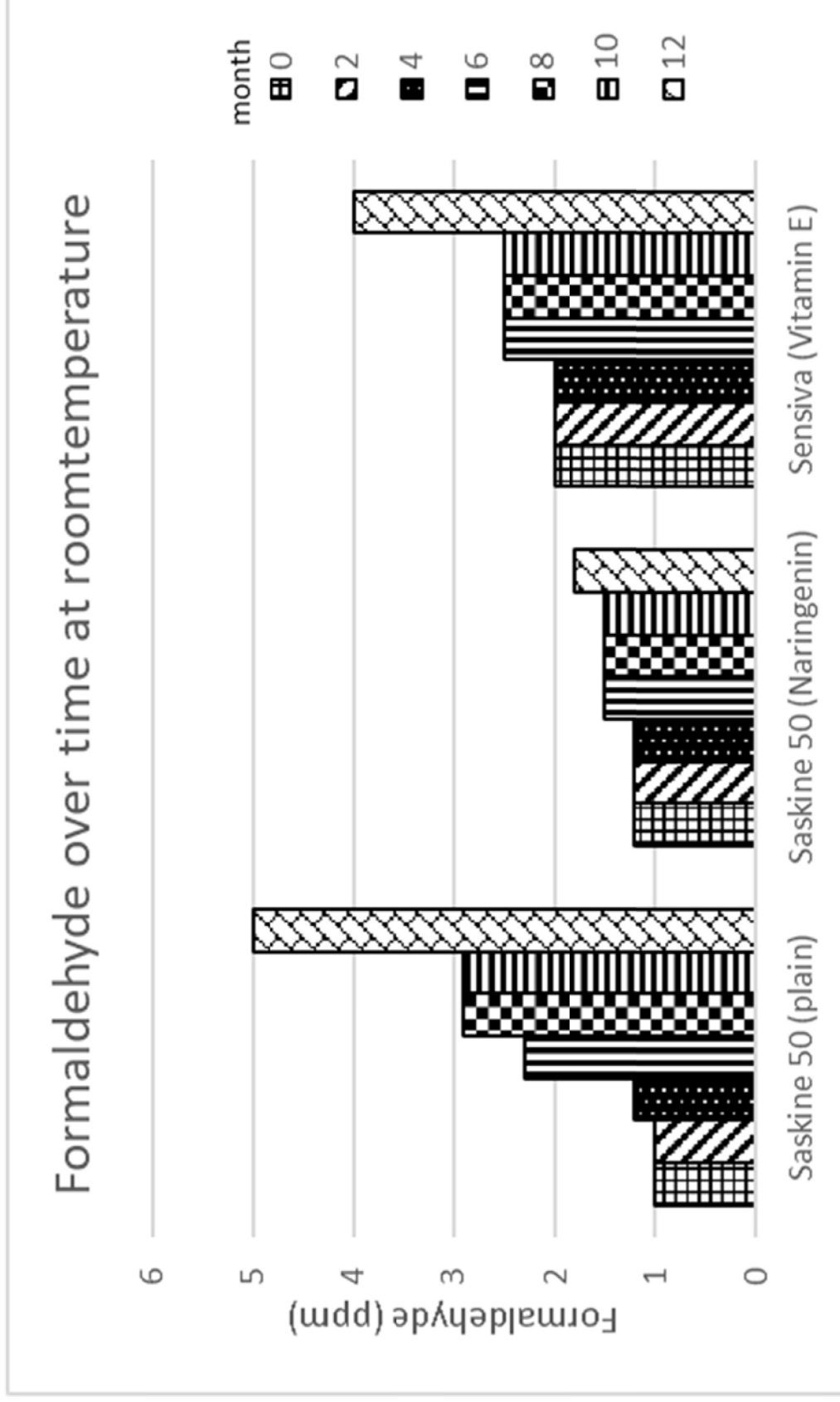


FIG. 2

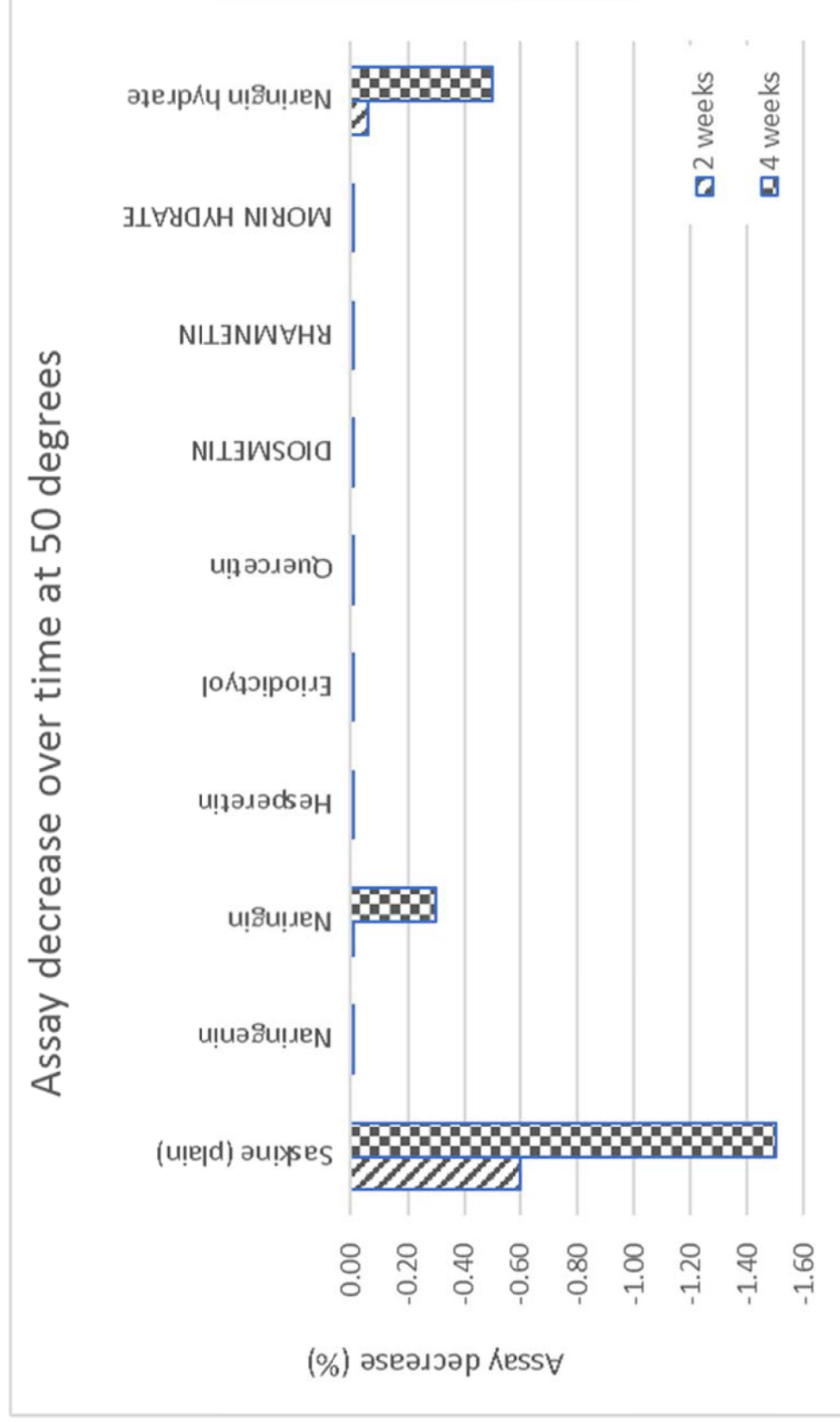


FIG. 3

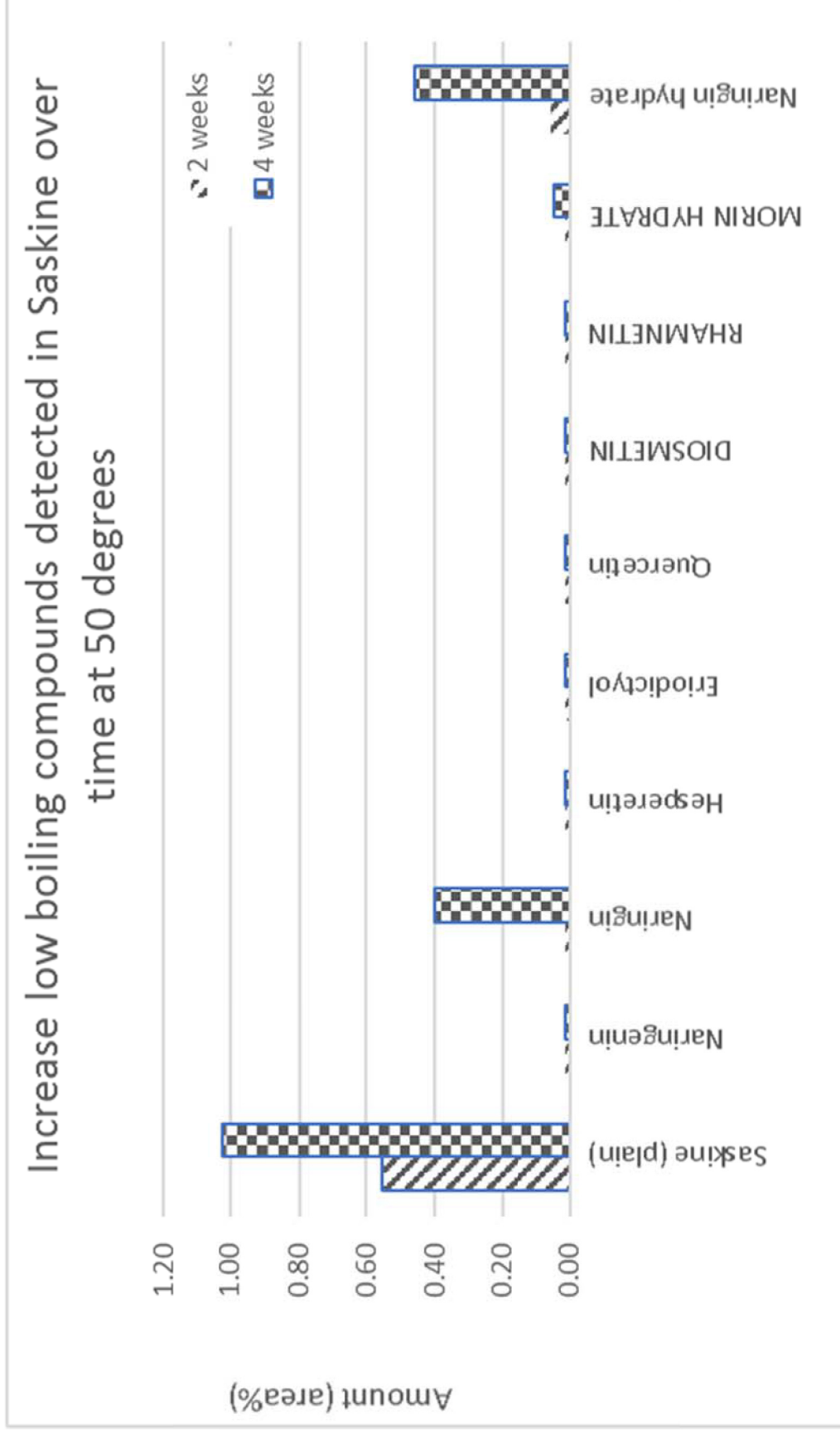


FIG. 4

FIG. 5a

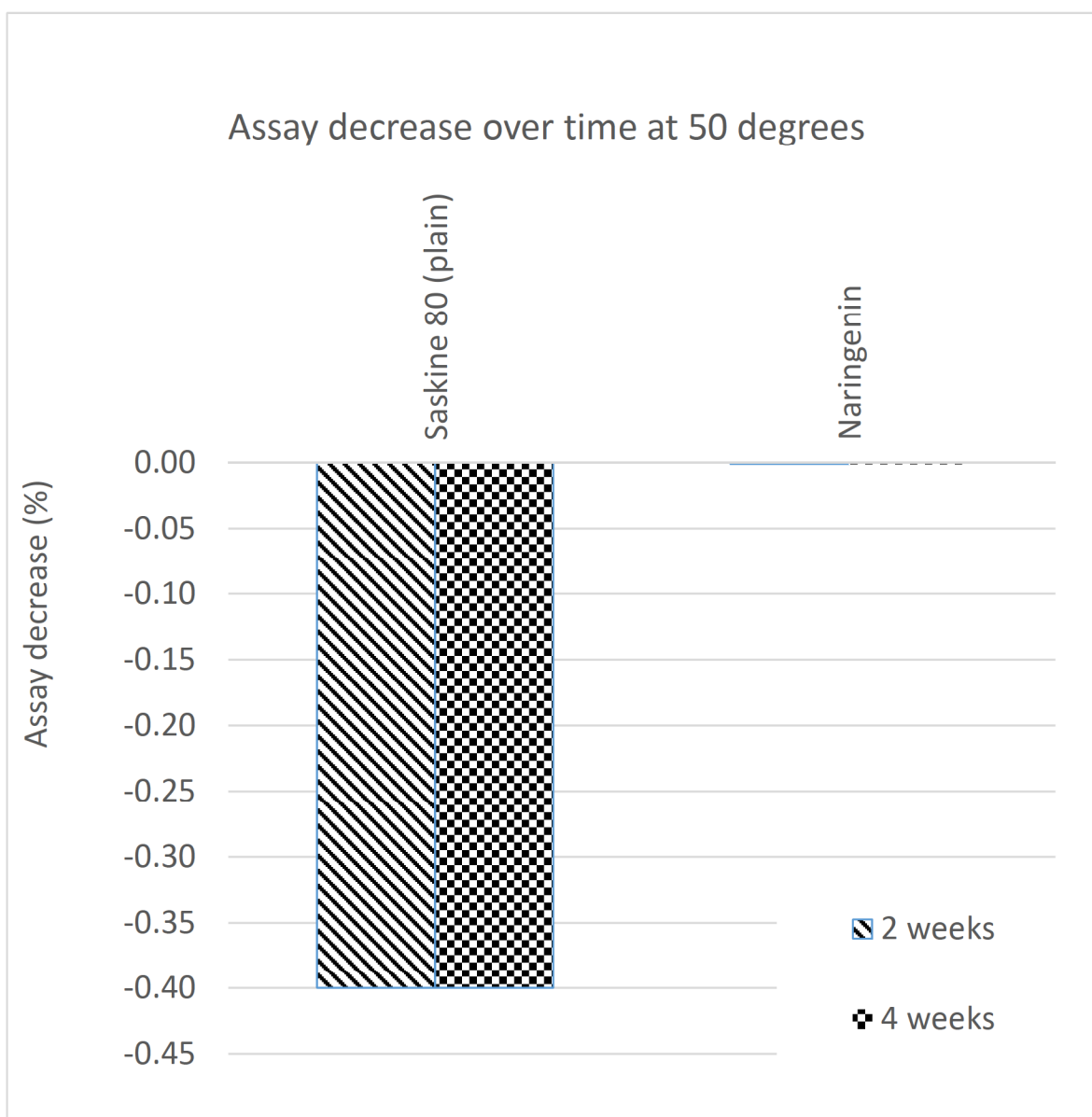
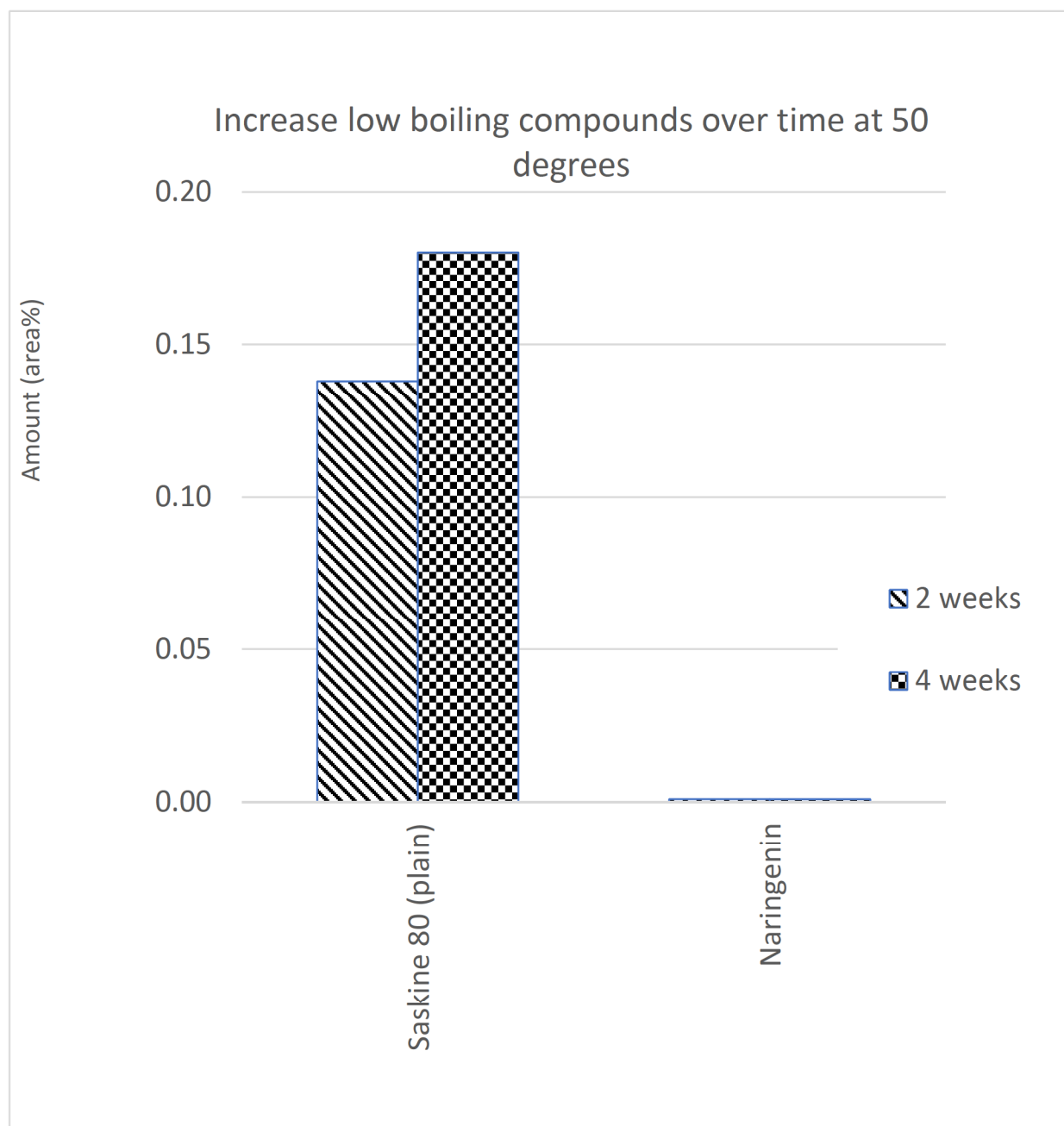
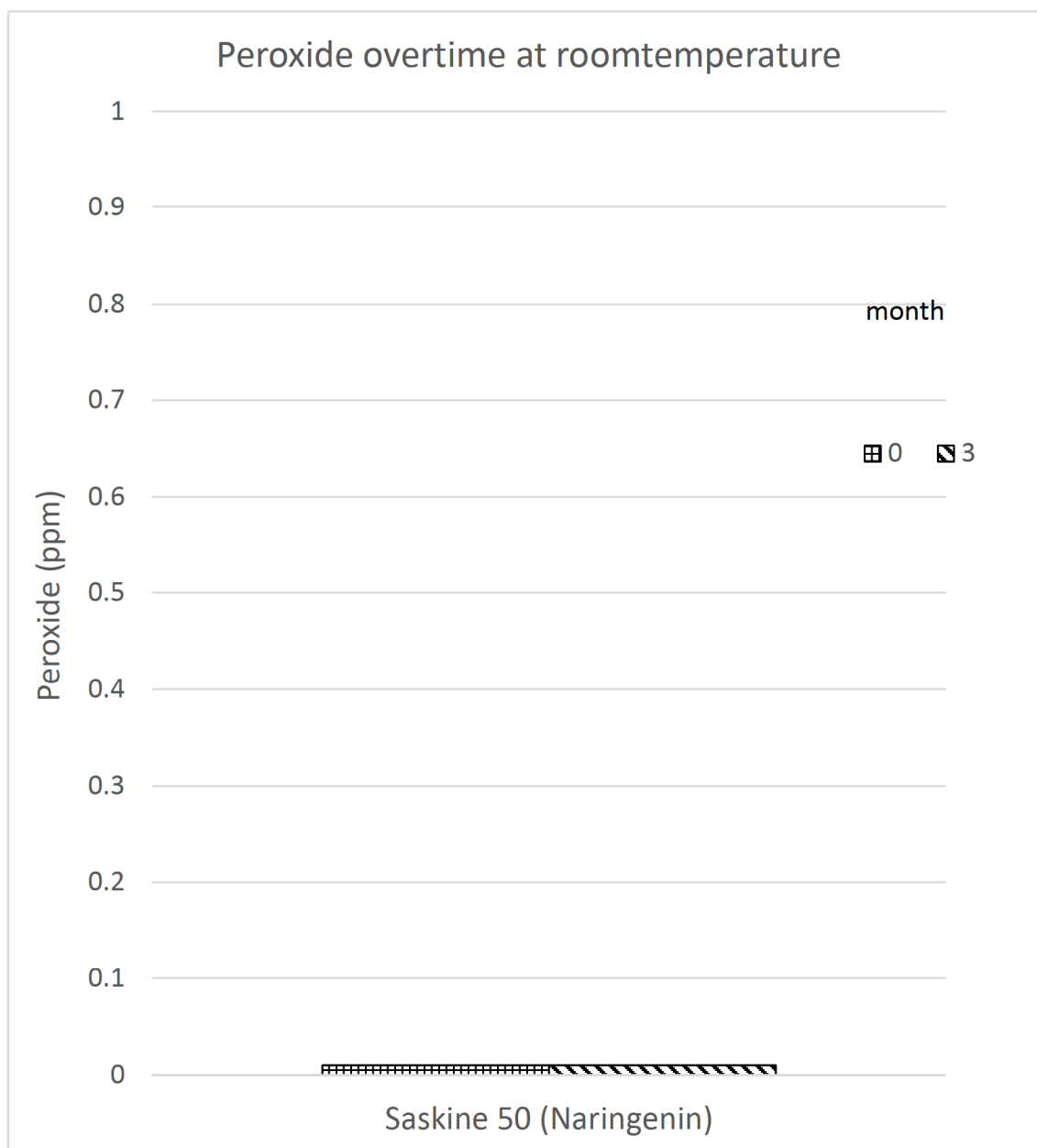


FIG. 5b



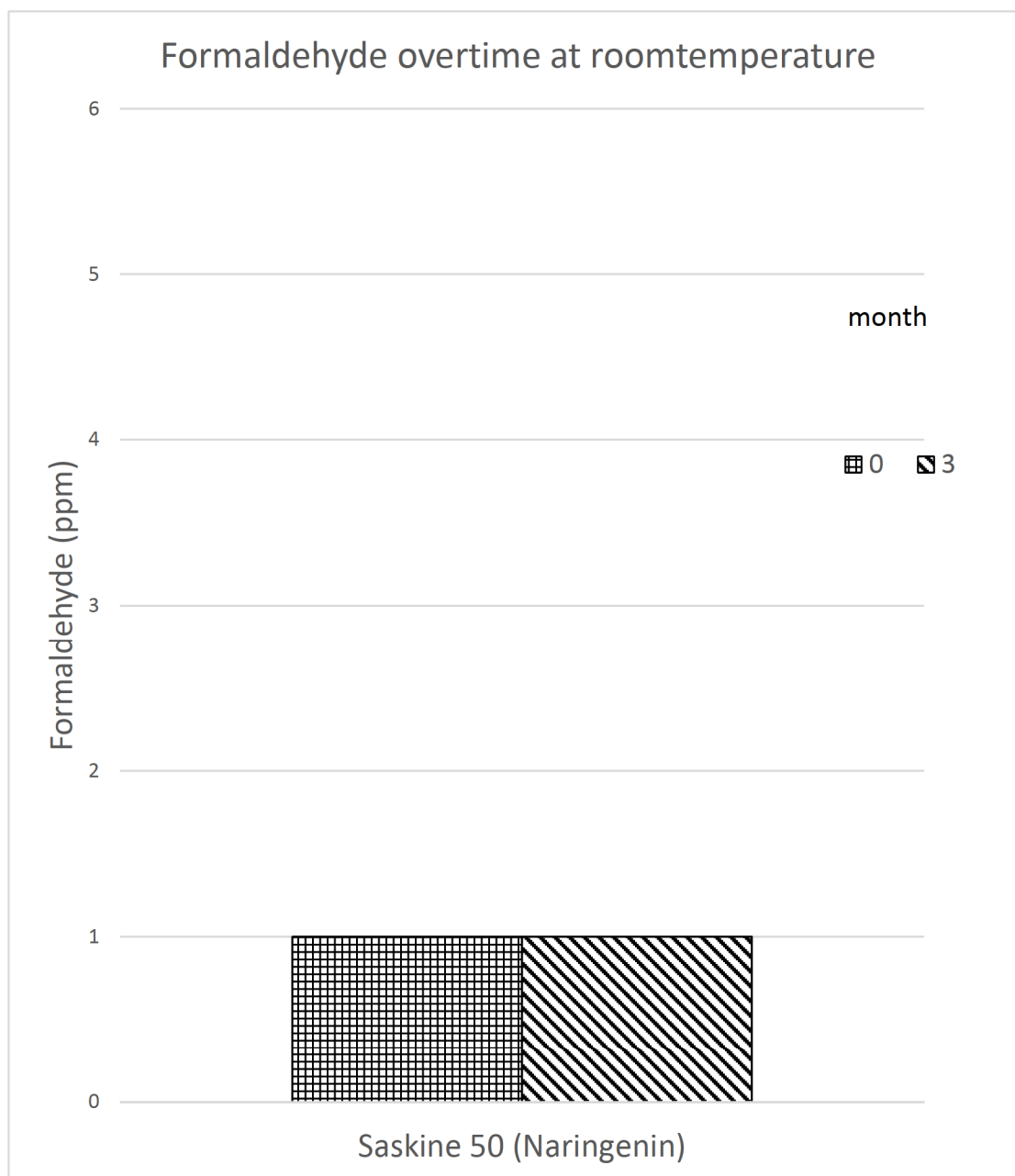
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FIG. 6a



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FIG. 6b



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FIG. 7

Microbiological MIC in ppm at pH 7.0	Saskine tm 50	Saskine tm 50 + Naringenin	Saskine tm 80	Saskine tm 80 + Naringenin	Sensiva SC 50
<i>Staphylococcus aureus</i> DSM 799	1000	1000	1000	500	1000
<i>Pseudomonas aeruginosa</i> DSM 1128	2500	2500	1500	1000	1500
<i>Escherichia coli</i> DSM 682	2000	1500	1000	1000	2000
<i>Enterobacter aerogenes</i> NCIMB 10102	2500	2500	1000	1000	2500
<i>Klebsiella pneumoniae</i> DSM 786	500	500	1000	500	500
<i>Burkholderia cepacia</i> DSM 7288 *	1500	200	1000	1000	1500
<i>Enterobacter gergoviae</i> DSM 9245 *	>10000	>10000	>10000	>10000	>10000
<i>Citrobacter freundii</i> NCIMB 12203	2500	2000	2000	1000	1500
<i>Candida albicans</i> DSM 1386	1000	1000	500	500	1000
<i>Aspergillus brasiliensis</i> DSM 1988	500	500	250	250	1000
<i>Penicillium minioluteum</i> IMI 178519	250	500	250	250	500
<i>Aspergillus terreus</i> IMI 45543	500	1000	250	250	1000

Microbiological MIC in ppm at pH 7.0	Saskine tm 50	Saskine tm 50 + Naringenin	Saskine tm 80	Saskine tm 80 + Naringenin	Sensiva SC 50
<i>Fusarium solani</i> IMI 322444	2500	1000	500	500	1000
<i>Penicillium</i> <i>funicolosum</i> ATCC 11797	NT	NT	NT	NT	NT
<i>Saccharomyces</i> <i>cerevisiae</i> DSM 70449	500	1000	500	500	1000
<i>Candida</i> <i>parapsilosis</i> DSM 5784 *	1500	1500	500	500	1000

FIG. 8

RESULTS

In vitro skin irritation study of a test item on human reconstructed epidermis (SkinEthic model) according to the OECD guideline n°439

Protocol identification: 6.32_S version 03A

Start of experimentation: Week 34

End of experimentation: Week 40

Study Director: Michèle PARMANTIER

Sponsor

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Test Facility

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Test item	Study number	Dilution	Mean Viability Assay 1	Mean Viability Assay 2	Final Result
EHG-ST - REF : SASKINE TM 50	6.32_S -40226-ID-17/06601	pure	48.2%	66.4%	Non Irritant*
EHG - REF : SASKINE TM 50	6.32_S -40226-ID-17/06599	pure	54.8%	34.4%	Category 1 or 2**

* EHG-ST - REF : SASKINE TM 50:

In assay 1, the mean viability of the epidermises was $50 \pm 5\%$, the results had to be confirmed because in the equivocal zone.

In assay 2, the mean viability of the epidermises was 66.4%.

In conclusion the test item is considered as non irritant.

** EHG - REF : SASKINE TM 50 :

In assay 1, the mean viability of the epidermis was $50 \pm 5\%$, the results had to be confirmed because in the equivocal zone.

In assay 2, the mean viability of the epidermis was 34.4%.

In conclusion the test item must be classified Category 1 or 2.