



GLUTATHIONE DEGRADATION

RESULTS OBTAINED FROM LABORATORY TESTS

In the present experiment, mass spectrometry technology is applied to the study of the antioxidant effect of Augmented vs Standard NAC. Samples were prepared at a concentration of 350 µg/mL of Augmented and Standard NAC and 5 µg/mL of Glutathione. The samples were then analyzed by direct injection in different time intervals.

The experimental results are shown in the following table.

Comparison of the degree of Glutathione degradation with Augmented NAC and standard NAC in different time intervals.

TYPE OF NAC	TIME INTERVALS	DEGREE OF GLUTATHIONE DEGRADATION IN %
STANDARD NAC	0	3
	90 min	20
	12 hours	81
	24 hours	99
AUGMENTED NAC	0	3
	90 min	10
	12 hours	40
	24 hours	61