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(a) In any criminal prosecution for a violation of Section 206 of Article 66½ of this Code (1957 Edition, as amended from time to time) or for a violation of any other law of this State concerning a person who is under the influence of intoxicating liquor driving or attempting to drive any vehicle as specified in such other laws, ~~the amount of alcohol in the defendant's blood at the time alleged as shown by chemical analysis of the defendant's blood, urine, breath or other bodily substance, shall be admitted as evidence, provided, however, that the specimen of blood, breath or urine must have been taken within two hours after the person being prosecuted was first apprehended by the arresting officer, and shall give rise to the following presumptions:~~

ANY SUCH PERSON MAY BE GIVEN A CHEMICAL TEST OF HIS BREATH, BLOOD OR URINE OR OTHER BODILY SUBSTANCE FOR THE PURPOSE OF DETERMINING THE ALCOHOLIC CONTENT OF HIS BLOOD: PROVIDED, THAT THE SPECIMEN OF BLOOD, BREATH OR URINE MUST HAVE BEEN TAKEN WITHIN TWO HOURS AFTER THE PERSON BEING PROSECUTED WAS FIRST APPREHENDED BY THE ARRESTING OFFICER; AND THAT THE TEST IS ADMINISTERED BY QUALIFIED PERSONNEL WITH EQUIPMENT APPROVED BY THE TOXICOLOGIST OF THE OFFICE OF THE CHIEF MEDICAL EXAMINER OF THE DEPARTMENT OF POST MORTEM EXAMINERS AT THE DIRECTION OF A POLICE OFFICER HAVING REASONABLE GROUNDS TO BELIEVE THE PERSON TO HAVE BEEN DRIVING WHILE UNDER THE INFLUENCE OF INTOXICATING LIQUOR. QUALIFIED PERSONNEL MEANS A PHYSICIAN, OR A POLICE OFFICER WHO HAS RECEIVED TRAINING IN THE USE OF SUCH EQUIPMENT IN A TRAINING PROGRAM APPROVED BY THE TOXICOLOGIST OF THE OFFICE OF THE CHIEF MEDICAL EXAMINER OF THE DEPARTMENT OF POST MORTEM EXAMINERS. IN ANY SUMMARY PROCEEDING OR CRIMINAL PROCEEDING FOR WHICH THE DEFENDANT IS CHARGED WITH DRIVING A MOTOR VEHICLE WHILE UNDER THE INFLUENCE OF INTOXICATING LIQUOR, THE AMOUNT OF ALCOHOL IN THE DEFENDANT'S BLOOD, AS SHOWN BY A CHEMICAL ANALYSIS AS SET FORTH IN THE PRECEDING SECTION, WHICH WAS CONDUCTED WITH EQUIPMENT APPROVED BY THE TOXICOLOGIST OF THE OFFICE OF THE CHIEF MEDICAL EXAMINER OF THE DEPARTMENT OF POST MORTEM EXAMINERS, AND OPERATED BY SUCH QUALIFIED PERSONNEL, SHALL BE ADMISSIBLE IN EVIDENCE AND SHALL GIVE RISE TO THE FOLLOWING PRESUMPTIONS:

1. If there was at that time in his blood five one-hundredths of one percentum (0.05%) or less, by weight, of alcohol, [or if an equivalent quantity of alcohol was contained in two thousand cubic centimeters of his breath (true breath or alveolar air having 5½ percentum of carbon dioxide),] *as determined by an analysis of his blood or breath*, or if there was in his urine eight one-hundredths of one percentum (0.08%) or less, by weight, of alcohol, it shall be presumed that the defendant was not under the influence of intoxicating liquor;