

ADDENDUM

Subsequent studies with the acid-2-butanone extract (pH 2) have raised doubt as to the identity of the "IAGA spot" (see Fig. 2), despite the release of glucuronic acid by β -glucuronidase or NH_4OH treatment of the eluates of this spot (see Section D in text). The glucuronic acid could arise from glucuronide conjugates of compounds other than indoles in the "cut-out" area of the paper chromatograms. Also, IAM is known to arise during chromatography in an ammoniacal solvent system from the IAGA originally present¹⁸. Further experimentation with non-ammoniacal solvent systems now leads us to conclude that the "IAGA spot" in Fig. 2 is, in fact, chiefly IAM arising by ammonolysis during chromatography of IAGA originally present in the acid-2-butanone extract (pH 2).

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