

1C07: SPECIES IDENTIFICATION IN A LAMINAR PREMIXED LOW-PRESSURE FLAME OF MORPHOLINE AS A MODEL SUBSTANCE FOR OXYGENATED NITROGEN-CONTAINING FUELS.

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I would like to address two questions. First, why did you use rich mixture? Second, do you believe the reaction schemes assumed for rich mixture will still be valid for leaner mixture?

**Reply by Arnas Lucassen**

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We used a rich mixture to be compatible with previous studies of hydrocarbon and oxygenate flames which we also studied with similar methods and under similar conditions. Several papers have been published on such flames which can be found through the references in the publication.

At present, a full mechanism is being developed in our joint Flame Team and we will certainly evaluate it under different conditions in the future.