



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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- RUSP/T80
OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Subject: PP#2F2707/FAP#2H5355: Cyromazine Use In Poultry Feed.
Method Trial Request.

From: W. T. Chin, Chemist *W. T. Chin*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

Thru: Charles L. Trichilo, Chief
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

To: Donald A. Marlow, Chief
Chemical Operations Branch, BUD (TS-768)

Upon the request of Ciba-Geigy Corporation a feed additive tolerance of 5.0 ppm has been established for cyromazine (N-cyclopropyl-1,3,5-triazine-2,4,6-triazine, OGA-72662) in poultry feed (40 CFR 180.414). A method trial for the Method AG-364 has been successfully conducted by EPA for the determination of cyromazine in poultry feed (see P. V. Errico's 6/29/83 memo). However, since the column packing material "Ultrabond II" used in this method is no longer commercially available, another method trial for cyromazine in poultry feed has to be conducted using the Method AG-417A. Samples should be run in duplicate at the requested fortification levels (see attached table). Two copies of the appropriate methods are attached.

Please return the requested information on the attached forms and any other information concerning the method trial that we should be aware of including copies of chromatograms for representative control and tolerance level samples, standard curves and examples of sample calculations.

The analytical reference standard is available at the repository in RTP, NC. (Tel. FTS 629-3951). If there are any questions, please contact me on FTS at 557-4352.

Please forward results of this method trial directly to W. T. Chin.

Attachment 1: A letter of R.A. Kahrs (Ciba-Geigy, 4/24/1984) and Method AG-417A.
Attachment 2: Method-417.

cc with Attachments 1 and 2: Donald A. Marlow
cc without attachments: RF, Circu., M. Bradley, W.T. Chin, PP#2F2707/FAP#2H5355
RDI: P.V. Errico(5/29/86), R.D. Schmitt(5/30/86)
TS-769, RCB, W.T. Chin(5/30/86), CM#2, Rm812, 557-4352

Methods: Ciba-Geigy Corp. Method AG-417A

"Addendum to AG-417: Substitution of Dowex 1-X8 Anion Exchange Resin for Biorex 9 Resin Cleanup of Cyromazine and Melamine Residues."

Ciba-Geigy Corp. Method AG-417

"Determination of Cyromazine and Melamine Residues In Animal Tissues and Eggs by High Performance Liquid Chromatography."

Do not use control values for recovery corrections.

Do not report control values as 0; if less than limit of detection, report as such.

<u>Commodity</u>	<u>Chemical Added</u>	<u>PPM added</u>	<u>PPM Found</u>	<u>% Recovery</u>
poultry feed	Control	None		
	Cyromazine	5.0		
		3.0		

Modification to method (major or minor):

Special precautions to be taken:

Source of analytical reference standards:

If derivitized standard used, give source:

Instrumentation for quantitation:

Instrumentation for confirmation:

If instrument parameters differ from method given, list parameters used:

Commercial source for any special chemicals or apparatus:

Comments:

Chromatograms: