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

OCT 4 1996

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: PP# 6F04664. Isoxaflutole in/on Field Corn and Animal RACs. Results of Petition Method Validation (PMV) Pre-Review. MRID#s 439048-32 and -33. Chemical 123000. Barcode D230247.

FROM: G.F. Kramer, Ph.D., Chemist *[Signature]*
Tolerance Petition Team I
Chemistry Branch I, Tolerance Support
Health Effects Division (7509C)

THRU: E.T. Haeberer, Acting Branch Chief *[Signature]*
Chemistry Branch I, Tolerance Support
Health Effects Division (7509C)

TO: C. Eiden/D. McCall
Registration Section, RCAB
Health Effects Division (7509C)

Rhone-Poulenc Ag Company has proposed permanent tolerances for the preemergent herbicide 5-cyclopropyl-4-isoxazolyl [2-(methylsulfonyl)-4-trifluoromethyl] phenyl] methanone (isoxaflutole, RPA 201772) and its metabolites, 1-(2-methylsulphonyl-4-trifluoromethylphenyl-2-cyano-3-cyclopropyl propane-1,3-dione (RPA 202248) and 2-methylsulphonyl-4-trifluoromethyl benzoic acid (RPA 203328) in/on the raw agricultural commodities as follows:

Field Corn, Grain	--	0.10 ppm	Field Corn, Fodder	--	0.40 ppm
Field Corn, Forage	--	0.40 ppm	Liver*	--	0.20 ppm
Hog, Liver	--	0.04 ppm	Eggs	--	0.05 ppm
Poultry Fat	--	0.05 ppm	Poultry Meat	--	0.05 ppm
Kidney	--	0.03 ppm	Hog, Kidney	--	0.01 ppm

*of cattle, goat, poultry and sheep

On 6/14/96, CBTS requested that ACL perform a PMV on the following method:



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

Method of Analysis for the Determination of Isoxaflutole (RPA 201772) and Its Metabolites (RPA 203328, RPA 202248, and RPA 205834) in Milk, Eggs, Liver, Kidney, Muscle and Fat Tissues. EC-95-313. Appendix B of MRID# 439048-32.

The results of the TMV Pre-review are appended to this memorandum as Attachment 1.

Results

The method failed the TMV pre-review for numerous reasons, including low recoveries, interferences and an unacceptably long time required to work-up milk samples (Memo, D. Wright, Jr. 9/17/96). ACL concluded that the method appears to be unsuitable for regulatory uses.

Conclusions

CBTS concludes that Method EC-95-313 is not suitable for enforcement purposes. The registrant has stated that a new method has already been developed and is currently undergoing an ILV (personal communication with Karen Shearer, RPAC, 10/2/96).

Attachment 1- Memo, D. Wright, Jr. 9/17/96

cc (with Attachment): J. Miller (PM22/RD)/D. Kenny
cc (w/o Attachment): PP#6F04664, S.F., Kramer, Circ., R.F., H. Hundley (7503W)
RDI: E.T. Haeberer (10/3/96), R.A. Loranger (10/2/96)
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