## PCB ASSAY SUMMARY

All Values Reported as Arochlor 1248

| Name | No. Run | PPM Range | PPM Mean |
|---|---|---|---|
| Laying Ration | 149 | None - .26 | .06 |
| Growing Ration | 7 | .02 - .06 | .04 |
| Layer Concentrate | 32 | None - .14 | .07 |
| Starter Ration | 4 | .05 - .13 | .08 |
| Dairy Ration | 19 | None - .19 | .06 |
| Herring Meal | 31 | .15 - 1.1 | .49 |
| Meat & Bone Meal | 225 | None - 1.28 | .37 |
| Corn | 34 | None - .31 | .07 |
| Animal/Vegetable Fat | 20 | None - .83 | .40 |
| Hominy | 8 | .04 - .16 | .06 |
| Barley | 3 | None - .11 | .05 |
| Wheat | 1 | | .02 |
| Bakery By Product | 23 | .11 - .94 | .36 |
| Soybean | 7 | None - .2 | .08 |
| Vitamin Premix | 2 | .14 - .21 | .18 |
| Streptomyces Fermentation Residue | 1 | | .17 |
| Poultry By Product Meal | 1 | | .29 |
| Peanut Skins | 3 | .05 - .33 | .15 |
| Poultry Meal | 11 | .08 - 1.21 | .44 |
| Wheat Bran | 1 | | .13 |
| Dried Whey Product | 1 | | .03 |
| Methionine | 1 | | .06 |
| Molasses | 1 | | .17 |
| Oats | 4 | .02 - .16 | .09 |

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## PCB ASSAY SUMMARY

All Values Reported as Arochlor 1248

| Name | No. Run | PPM Range | PPM Mean |
|---|---|---|---|
| Liquid Lignin Sulfonate | 2 | None - .32 | .16 |
| Alfalfa | 3 | .04 - .10 | .08 |
| Gluten Feed | 5 | .03 - .16 | .08 |
| Corn Fermentation Solubles Concentrate | 1 | | .03 |
| Wheat Middlings | 5 | .04 - .12 | .06 |
| Plastic Sample Bags | 2 | .34 - .35 | .34 |
| Plastic Bread & Cookie Bags | 2 | 3.2 - 3.9 | 3.6 |
| Calf Ration | 1 | | .05 |
| Hog Ration | 1 | | .11 |

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## PCB ASSAY SUMMARY

All Values Reported as Arochlor 1254

| Name | No. Run | PPM Range | PPM Mean |
|---|---|---|---|
| Laying Feed | 33 | None - .20 | .06 |
| Laying Ration Concentrate | 9 | .02 - .14 | .07 |
| Growing Ration | 1 | | .17 |
| Starter Ration | 1 | | .08 |
| Dairy Ration | 1 | | .04 |
| Liquid Lignin Sulfonate | 2 | .03 - .07 | .05 |
| Meat & Bone Meal | 3 | .02 - .09 | .06 |
| Bakery By Product Meal | 3 | .14 - .15 | .14 |
| Whole Wheat | 1 | | .06 |
| Corn | 20 | None - .08 | .03 |
| Midds | 8 | None - .09 | .05 |
| Streptomyces Fermentation Residue | 3 | .04 - .13 | .07 |
| Oats | 4 | None - .04 | .02 |
| Whey | 2 | .05 - .06 | .05 |
| Vitamin Premix | 1 | | .04 |
| Solvent Extracted Soybean Meal | 7 | .02 - .06 | .04 |
| Alfalfa Meal | 4 | .03 - .06 | .04 |
| Animal/Vegetable Fat | 2 | .40 - 1.6 | 1.0 |
| Gluten Feed | 5 | .03 - .08 | .06 |
| Herring Meal | 2 | .10 - .11 | .10 |
| Corn Fermentation Solubles | 1 | | .06 |
| Hominy | 2 | .08 - .10 | .09 |
| Pieces of Plastic Separated from sample of Bakery By-Product | 1 | | 8.0 |

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Summary of Mercury Assays in PPM

| Ingredient | No. of Assays | Range | Mean |
|---|---|---|---|
| Corn | 46 | 0 - .03 | .002 |
| Wheat | 6 | 0 - .02 | .003 |
| Oats | 10 | 0 - .06 | .024 |
| Barley | 3 | 0 - .10 | .03 |
| 49% Soybean Meal | 1 | - | 0 |
| Wheat Bran | 2 | - | 0 |
| Apple Pomace | 1 | - | 0 |
| Wheat Middlings | 10 | - | 0 |
| Hominy | 7 | 0 - .17 | .03 |
| Molasses | 2 | - | 0 |
| Limestone | 1 | - | 0 |
| Corn Distillers Dried Grains | 2 | - | 0 |
| Corn Gluten Meal | 1 | - | 0 |
| Brewers Dried Grains | 1 | - | .01 |
| Corn Gluten Feed | 5 | 0 - .026 | .01 |
| Liquid Lignin Sulfonate | 1 | - | .03 |
| Meat & Bone Meal | 5 | 0 - .064 | .01 |
| Herring Meal | 19 | 0 - .50 | .14 |
| Fish Meal | 4 | .21 - .41 | .31 |
| Tuna Meal | 1 | - | .33 |

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Summary of Dieldrin Assays
For Period 5-7-69 to Date

| Ingredient | Total No. Run | No. Found To Contain No Dieldrin | Range of Values of Remainder (PPM) |
|---|---|---|---|
| Hominy | 174 | 172 | .01 - .02 |
| Barley | 104 | 103 | .017 |
| Wheat | 200 | 189 | .01 - .14 |
| Oats | 243 | 235 | .01 - .12 |
| Corn | 469 | 436 | .01 - .017 |
| Oat Feed | 5 | 4 | .012 |
| Soybean Meal (50%) | 187 | 187 | - |
| Meat & Bone Meal (50%) | 180 | 171 | .01 - .046 |
| Fish Meal (Herring) | 47 | 40 | .01 - .075 |
| Wheat Middlings | 229 | 220 | .01 - .10 |
| Gluten Meal | 21 | 21 | - |
| Gluten Feed | 152 | 150 | .01 - .021 |
| Alfalfa Meal (20%) | 78 | 70 | .01 - .02 |
| Corn Fermentation Solubles | 6 | 6 | - |
| GL Ferm | 13 | 12 | .012 |
| Animal/Vegetable Fat | 19 | 15 | .01 - .079 |
| Bakery By Product Meal | 31 | 31 | - |
| Potato Meal | 9 | 9 | - |
| Distillers Dried Grains | 26 | 26 | - |
| Brewers Grains | 32 | 32 | - |
| Liquid Lignin Sulfonate | 21 | 19 | .01 - .011 |
| Linseed Meal | 3 | 3 | - |
| Peanut Skins | 6 | 5 | .02 |
| Wheat Bran | 10 | 10 | - |

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| Ingredient | Total No. Run | No. Found To Contain No Dieldrin | Range of Values of Remainder (PPM) |
|---|---|---|---|
| Beet Pulp | 7 | 7 | - |
| Whey | 3 | 3 | - |
| DiCalcium Phosphate | 2 | 2 | - |
| Salt | 2 | 2 | - |
| Urea | 3 | 3 | - |
| Vitamin Premixes | 5 | 5 | - |
| Molasses | 3 | 3 | - |
| Limestone | 1 | 1 | - |
| Citrus Pulp | 1 | 1 | - |
| Rice Bran | 19 | 19 | - |

cc: Dr Daryle Green
Ralston Purina

Dr G. R. Childs
Central Soya

Dr. Milton Scott
Cornell Univ.

FROM — E. H. PROBST
MANAGER OF [illegible] CONTROL
ASWAY, [illegible]