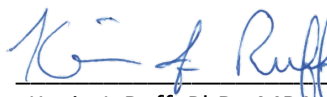


Pesticide Residue Statement

Tolerances for residues of pesticides in food for human consumption, including poultry and egg products, are established by the U.S. Environmental Protection Agency (EPA) in 40 CFR 180. To ensure the safety of the U.S. food supply, both the FDA and the U.S. Department of Agriculture (USDA) have extensive residue monitoring programs to both ensure proper use of approved pesticides and to ensure absence of un-approved and banned pesticides. The USDA's Food Safety Inspection Service (FSIS) is primarily responsible for the operation of the U.S. National Residue Program for Meat, Poultry, and Egg Products wherein hundreds of thousands of samples are collected and evaluated for drug residues annually.

ESM Technologies, LLC only uses raw eggshells from U.S. Department of Agriculture regulated facilities as a starting material for its NEM® brand eggshell membrane, ESC® brand calcium from eggshells & organic ESC® products. Although there is little reason to anticipate the presence of pesticide residues in our raw material supply, ESM Technologies employs a pesticide residue monitoring program to ensure a continuing clean supply of eggshells. Production lots of NEM®, ESC® & organic ESC® are periodically evaluated for residues of sixty (60) common pesticides regulated by FDA for food products. NEM®, ESC® & organic ESC® have continually tested below the maximum residue limit (MRL) for all pesticides evaluated (see below for a list of pesticides). MRLs generally range from 0.01 ppm to 0.5 ppm.

Pesticides Evaluated
Acephate, Alachlor, Aldicarb, Aldrin, Azinphos methyl, alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Bifenthrin, Carbendazim, Carbofuran, Carbophenothion, Chlordane, Chlorfenvinphos, Chlorpyrifos, Chlorpyrifos-methyl, Cypermethrin, DDD, DDE, DDT, Deltamethrin, Diazinon, Dichlorvos, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Ethion, Fenitrothion, Fenvalerate, Fipronil, Flubendiamide, Glyphosate, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Malathion, Methabenzthiazuron, Methidathion, Methoxychlor, Methyl-pentachlorophenyl-sulfide (MPCPS), Myclobutanil, Parathion, Parathion-methyl, Permethrin, Phosalone, Piperonyl butoxide, Pirimiphos-methyl, Primisulfuron-methyl, Propanil, Prothiophos, Pyrethrin, Quintozene, Simazine, Tetrachlorvinphos, Tetraconazole, Thiobencarb, Triazophos


Kevin J. Ruff, PhD., MBA August 09, 2018
Director of Scientific & Regulatory Affairs Date