

# HOW TO EVALUATE ZEOLITE PRODUCTS

Zeolite Expert  
Dr. Nikolaos Tsirikos-Karapanos  
PharmD, MD, FETCS  
Cardiovascular Surgeon  
President Metron Nutraceuticals

# FORMULATOR

- WHAT ARE THE FORMULATOR'S FORMAL EDUCATION QUALIFICATIONS FROM ACCREDITED ACADEMIC INSTITUTIONS?
  
- WHAT ARE THE FORMULATOR'S EARNED DEGREES/CREDENTIALS?
  
- DOES THE FORMULATOR HAVE PUBLISHED SCIENTIFIC PAPERS IN PEER-REVIEWED JOURNALS SITED AT PUBMED WEBSITE LOCATED AT PUBMED.GOV?
  
- IS FORMULATOR NAME & BIOGRAPHY EASILY VISIBLE?

# SUPPLIER

- IS SUPPLIER REGISTERED WITH THE U.S. FOOD AND DRUG ADMINISTRATION (“FDA”) AND STATE REGULATORY AGENCIES?
- HAS SUPPLIER BEEN INSPECTED BY THE FDA AND STATE REGULATORY AGENCIES?
- HAS SUPPLIER RECEIVED WARNING LETTERS FROM THE FDA?
- HAS SUPPLIER RECEIVED WARNING LETTERS FROM STATE REGULATORY AGENCIES?
- DOES SUPPLIER HAVE LITIGATION HISTORY?
- WHAT ARE SUPPLIER LITIGATION OUTCOME(S)?
- DOES SUPPLIER HAVE ACCEPTANCE CRITERIA ESTABLISHED IN ALL STAGES OF PRODUCTION AND TESTING?



# MAIN INGREDIENT

- WHAT IS THE MAIN INGREDIENT STARTING FORM OF ZEOLITE:  
NATURAL OR SYNTHETIC?
  
- IS MAIN INGREDIENT PRODUCTION FACILITY REGISTERED WITH THE FDA  
& STATE REGULATORY AGENCIES?
  
- ARE MAIN INGREDIENT TESTING LABORATORIES REGISTERED WITH THE  
FDA & STATE REGULATORY AGENCIES?
  
- IS MAIN INGREDIENT PATENTED?
  
- WHAT IS THE TERM OF MAIN INGREDIENT PATENT(S)?
  
- IS ELEMENTAL IMPURITIES TESTING PERFORMED ON MAIN INGREDIENT?
  
- ARE ACCEPTANCE CRITERIA ESTABLISHED FOR ALL STAGES OF  
PRODUCTION AND TESTING OF MAIN INGREDIENT?

# FINAL PRODUCT FORMULATION

- DOES FINAL FORMULATION HAVE LABEL COMPLIANT TO FDA REQUIREMENTS?
- ARE ELEMENTAL IMPURITIES TESTING METHODS DISCLOSED?
- ARE ELEMENTAL IMPURITIES TESTING METHODS IN COMPLIANCE WITH THE FDA REQUIREMENTS?
- ARE TESTING FACILITY REGISTRATION & INSPECTIONS DISCLOSED?
- IS FINAL FORMULATION A ZEOLITE POWDER, A ZEOLITE WATER SUSPENSION, OR A ZEOLITE WATER SOLUTION?
- IS FORMULA PROVEN CAPABLE OF DAILY SYSTEMIC DETOXIFICATION?
- IF FORMULA IS CAPABLE OF DAILY SYSTEMIC DETOXIFICATION, IS THE PROOF PUBLICLY DISCLOSED?
- ARE ALL OTHER INGREDIENTS OF FINAL FORMULATION VALIDATED PRIOR TO PRODUCTION?
- IS FINAL FORMULATION PRESERVED OR UNPRESERVED?
- IS FINAL FORMULATION PRESERVATIVE ADEQUATE?
- DOES FORMULATION HAVE ACCEPTANCE CRITERIA IN ALL FINAL (i.e. POST PRODUCTION) TESTING?

# ESTABLISHED ACCEPTANCE CRITERIA

IS FINAL FORMULATION PARTICLE SIZE DISTRIBUTION DISCLOSED?

ARE ELEMENTAL IMPURITIES TESTING LIMITS DISCLOSED FOR FINAL FORMULATION?

