

24K GOLD LEAF “POWDER” - EDIBLE INGREDIENT – TECHNICAL DATA SHEET

**INFORMATION ABOUT THE INGREDIENT:**

<b>Trade Name:</b>	DeiAurum: 24K Edible Gold Leaf Powder
<b>Product References Corresponding:</b>	CornucAupia Pure 24K Edible Gold
<b>Description:</b>	Lustrous gold powder
<b>Composition:</b>	100% 24 Karat gold, Natural Product
<b>Origin of Ingredient:</b>	United States via Asahi Holdings
<b>Manufacturing Process:</b>	24 Karat Gold undergoes a proprietary mechanical process, it is flattened to 0.04 microns and processed further mechanically into powder. No chemical processes are involved. Powder are sorted and filtered by size.
<b>Compliance:</b>	AOAC Lab Tested, FDA Registered.
<b>Alternative Names:</b>	Au, E175, Vark, Varak, Gold, Gold Leaf, Gold Leaf Powder.
<b>Chemical:</b>	Au (ca. 99.9%)
<b>Mineralogical</b>	Strunz 1/A.01-40, Nickel-Strunz 1.AA.05, Dana 1.1.1.1, Hey's CIM 1.5
<b>E.I.N.E.C.S</b>	231-165-9
<b>C.A.S.</b>	7440-57-5
<b>Shelf Life</b>	Indefinite (under controlled conditions. Gold is inert and does not react*)

\*in virtually all storage environments. We generally suggest a 5 year expiration for safety guideline reasons.

**SPECS AND FEATURES OF THE INGREDIENT**

Average Physico-Chemical Analyses:

Thickness	0.04 microns	Chemical Components	Average Proportions	Average Standard Deviations
Size Range	0.2 mm – 0.8 mm			
Directions	Add into batch mixture at appropriate time for dry ingredients phase.	<b>See:</b> Annual AOAC Lab Test results for independent lab analysis and purity report.  <i>Note: 100% gold can be tested at a maximum of 99.9% purity as a result of unavoidable oxidation in the environment.</i>  <b>NON-GMO</b>		
Precautions	Not affected by excessive heat or cooling, no reactions with industrial chemicals or components.			
Humidity	0%			
pH	7 – Neutral & Inert			
<b>Grain Size</b>				
Variable				

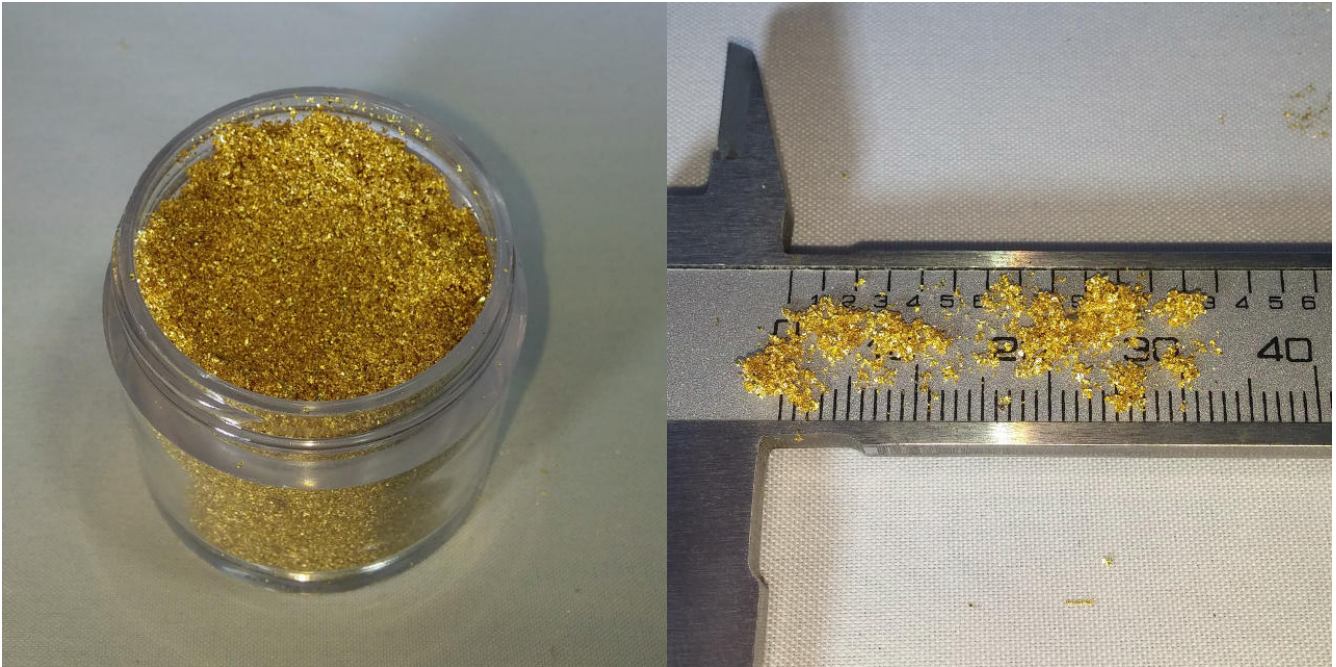
**REGULATORY INFORMATION:**

<b>Product not affected by REACH.</b>	
C.M.R. substances:	No
Allergens substances:	No
Nanomaterials:	No
E.S.B., O.G.M., C.O.V. :	Not applicable
<i>Never tested on animals.</i>	Product is not tested on animals and certified cruelty free.

**STORAGE, PACKAGING, HANDLING, TRANSPORTATION, TRACEABILITY:**

Ingredients can be stored in dry stainless steel containers, static-free plastics, and fibers.
The use of a pure bristle brush for handling is recommended.
Keep away from static, humidity, and hot/humid environments.
Product is packaged in gelatinized cellulose pulp paper. Proper steps to ensure no movement or crushing forces impact the package during transportation should be observed.
Batch traceability through order number, associated with internal batch ID's. & Date.

**PHOTOS:**



For further information, consult the M.S.D.S.

This natural product may vary between lots. All steps are taken to maintain consistency.

The information contained in this document is based on our knowledge;  
it is given sincerely on an indicative basis.

This does not give guarantee, or commit the company contractually.

Our analysis results are provided by accredited third party laboratories.

Other quantitative or qualitative tests can be performed upon agreement and charge.

We shall certify on our honor the accuracy of the information provided in this form.

Sarasota, FL. (USA) January 14<sup>th</sup>, 2017