



Importers and dealers of
 - Natural and Organic Oils
 - Essential Oils
 - Natural Powders
 - Clays, etc
 - Agro Products
 - General Contracts

CERTIFICATE OF ANALYSIS

Product Name	Azelaic Acid
CAS Number:	123-99-9
Lot Number:	Not available (data may vary slightly with different lots or batches)
Expiration Date:	24 months from production date
Storage:	Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat

Item of Analysis	Specification		Results
Assay (by HPLC)	≥99%		99.25%
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	White or off-white crystalline powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Loss on drying	0.5% NMT (%)	0.2%	USP<731>
Residue on ignition	≤0.1%	0.08%	USP<731>
Melting point	106-108°C	106.5°C	Titration
Chlorides (AgNO ₃)	≤0.005%	0.005MAX	USP<731>
SULFATES (BaCl ₂)	≤0.0025%	0.0025MAX	USP<731>
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS

Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

All data are as per our supplier.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company’s knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user’s responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.