

John F. Mueller Jr.
Private Citizen

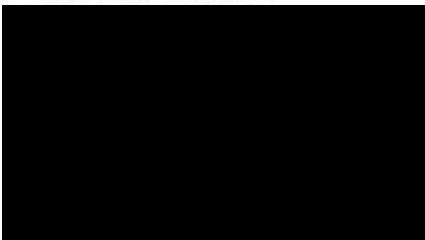
05/03/2023

I am writing with the understanding that a public meeting to be held on May 4th will be addressing the reported science of neurodevelopmental harm from fluoride exposure from all sources, as detailed in a report finalized by the NTP for release to the public on May 18, 2022. I want to believe that the attached file, *Annotated 2013 Mosaic CofA.pdf*, will be shared at some appropriate time with the BSC WG respecting its relevance to the NTP report(s) and the future of fluoride addition to public water supplies. We know the report will have unprecedented impact on the CWF program, necessitating its ultimate demise in favor of more effective targeted oral health programs where needed most. A tooth can be repaired; a developmentally impaired brain is a different story.

The attached copy of a Certificate of Analysis, which I have annotated in red font and the red outlined boxes, is what my professional licensure as a civil engineer (now retired from a 25-year career in the public sector, mainly water resources and environmental engineering) has revealed as the travesty of an unintended but obvious consequence of fluoridating any public water supply. Consumers of public water supplies deserve better.

While none of the science detailed in the NTP report addresses the issue of what else may be harmful in fluoridation chemicals, smaller water utilities more often fluoridate with powdered sodium fluoride delivered in sacks, and commonly imported from China, with quality control measures being largely unknown to ensure safety for human consumption. Clearly this consideration adds another dimension to the conundrum noted above.

John F Mueller Jr, BSc Geop Engr, P.E. (Civil, Control Systems - Retired)



CAR NO: GATX011210

Deliveries: 5001084843

Material: Our / Your reference
200011 FLUROSILICIC ACID /

Certificate of Analysis (CofA) delivered with tanker truckload of FSA on 03/08/2013 to City of Tulsa drinking water treatment plant.

A CofA is required with each tanker truck delivery of FSA. FSA is then added to treated drinking water for human consumption for dental treatment, needed or not, with no follow-up for efficacy, and no informed consent. Fluoride is not an essential nutrient.

This is compelling evidence that fluoridation has been an egregious violation of the spirit and intent of the Safe Drinking Water Act and must end with proper EPA regulation and SDWA enforcement.

Quality Certificate	
Date	03/20/2013
Purchase order item/date	
Delivery item/date	5001084843 000010 / 03/08/2013
Order item/date	
Customer number	2445

Inspection lot 110000002967 from 03/20/2013

Chemical Analysis

Net H2SiF6	24.20	%	
P2O5	0.04	%	
Free Acid	0.35	%	
Lead	0.00	ppm	
Arsenic	52.00	ppm	MCLG = 0

Physical Analysis

Density	1.2230	g/cm3
APHA	30	CU

“By recovering by-product fluosilicic acid from fertilizer manufacturing, water and air pollution are minimized, and water authorities have a low-cost source of fluoride available to them.” Rebecca Hanmer, EPA Office of Water, 1983

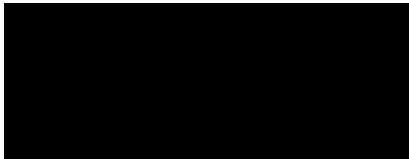
This policy remains endorsed by EPA to this day almost 40 years later.

Annotations by John Mueller
Guthrie, OK Rev 2/5/2023

We certify that product shipped with this Certificate of Analysis meets AWWA B703-11



Certified to
ANSI/NSF 49
Max. Use:
2 mg/L



Kwasi Sakyi-Amfo
QC Lab Supervisor - Riverview