

Prepared For

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General Information

Name Organic Saffron (Affron), Default
Lot 2026187
Notes

Date Received 2026-07-16
Date Tested 2026-07-17
Test 93716
Order 11390

Assay Heavy Metals
Method LLMTDA1 (ICPMS)
Location In-house
Serving Size 1 capsule
Lab Reported Serving Size 0.37 g

Analyte	LOQ	Specification	Result	Status
Arsenic	0.91 ppb (0.0003 mcg/serving)	≤ 10 mcg/serving	166.2 ppb (0.06 mcg/serving)	In-Spec
Cadmium	0.16 ppb (0.0001 mcg/serving)	≤ 4.1 mcg/serving	14.25 ppb (0.01 mcg/serving)	In-Spec
Lead	2.58 ppb (0.001 mcg/serving)	≤ 0.5 mcg/serving	8.55 ppb (0.003 mcg/serving)	In-Spec
Mercury	0.99 ppb (0.0004 mcg/serving)	≤ 0.3 mcg/serving	ND	In-Spec

LLMTDA is a method developed at Light Labs, Ann Arbor MI to test heavy metals in food and dietary supplement products. The method is modified from FDA EAM 4.7 and uses similar sample preparation and analytical techniques to those described in EAM. Microwave assisted digestion in mineral acids is used to prepare samples for heavy metal analysis by triple quadrupole inductively coupled plasma mass spectrometry (ICP-MS/MS). LLMTDA is part of Light Labs' scope of ISO 17025 accredited methods.

Results Approved By


Lev Spivak-Birndorf
Lab Director

Date Generated: 2026-07-17
