

# Certificate of Analysis

Report Issued To: Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

Product Information			
Product Name:	High Potency Saffron Extract Capsules 30mg	CoA #:	ND-24-987
Product Size:	180 count	Lot Number:	SAFCS1051324
Production Date:	05/06/2024	Capsule Batch #:	SAFCSLL1123VEG
Report Date:	05/06/2024	Raw Material Batch #:	SAF0771123
Best By Date:	05/2027	RM spec #:	279_v4
Appearance:	Opaque orange powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101, Magnesium Stearate		

### Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1279	Conforms	Pass
Smell	Org. Tube # 1279	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥169mg/capsule	170.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	220mg/capsule	Pass

### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identification - ( <i>Crocus sativus</i> , stigmas)	LAB TM-168	HPTLC	Conforms to Reference Standard	Conforms	Pass
Assay - Safranals	LAB TM-169	HPLC	≥ 0.3mg/capsule	1mg/capsule	Pass
Assay - Crocins	LAB TM-169	HPLC	≥ 2.3mg/capsule	3mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	1.5%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb < 0.0500 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.05	Pass

Final Approval



Kennedy Enoch, Quality Liaison

