



SUPPLEMENT CERTIFIED  
BY NRCI WATERFORD IRELAND

# Test Certificate

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Certificate number: **TC-21-00-27**

Customer: MacuHealth LP™  
401 S Old Woodward Ave., Suite 308  
Birmingham, MI 48009 (US)

Date received: 2019-08-26  
Data analysed: 2021-03-15  
Data reported: 2021-03-25

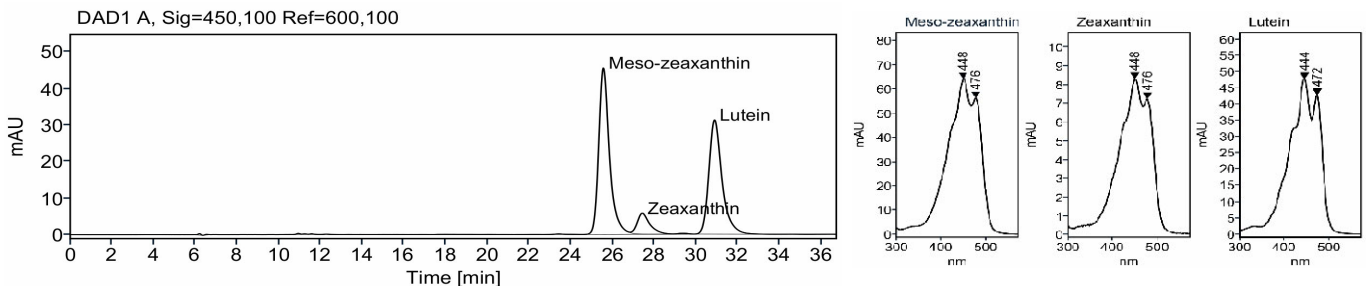
Product name: MacuHealth with LMZ3  
Company: MacuHealth LP™, Birmingham, MI (US)  
Lot number: C1900514

Expiry date: 2022/01  
Serving size: 1/Day  
Form: Softgel

Analyte	Declared	Measured (mean ± SD)	Confidence	Method	Conformance <sup>a</sup>
Meso-zeaxanthin	10 mg/capsule	12.79 ± 0.24 mg/capsule	100.0 %	AM-LCD-1807	Pass
Zeaxanthin	2 mg/capsule	2.09 ± 0.04 mg/capsule	98.2 %	AM-LCD-1807	Pass
Lutein	10 mg/capsule	11.09 ± 0.22 mg/capsule	100.0 %	AM-LCD-1807	Pass
Total carotenoids	22 mg/capsule	25.97 mg/capsule	Na	Na	Pass

<sup>a</sup> Conditional pass: the product is above the declared amount, but with a confidence lower than 95%, due to the closeness of the result to declared amount and due to the intrinsic variability of the analysis

Quality control	Specification	Raw value	Value	Method	Result
Instrument accuracy	85 - 115 %	20.82 (Spect.), 21.55 (LC) mg/cap	96.60 %	AM-LCD-2004	Conform
Intra-day precision	RSD < 15 %	-	0.85 %	AM-LCD-2004	Conform
Sample homogeneity	RSD < 10 %	-	2.06 %	AM-LCD-2004	Conform
Storage temperature	Na	21.14 ± 3.33 °C	-	AM-THD-2010	Na
Storage humidity	Na	44.77 ± 10.03 %	-	AM-THD-2010	Na



TC History	Month 0	Month 6	Month 12	Month 18
Analyte/Report ID	TC-19-00-31	TC-20-00-17	TC-20-00-43	TC-21-00-27
Meso-zeaxanthin	13.8 ± 0.23	13.02 ± 0.04	12.81 ± 0.21	12.79 ± 0.24
Zeaxanthin	2.28 ± 0.04	2.13 ± 0.03	2.14 ± 0.03	2.09 ± 0.04
Lutein	12.02 ± 0.18	11.33 ± 0.02	11.17 ± 0.19	11.09 ± 0.22
Total carotenoids	28.10	26.48	26.12	25.97

Analysis performed by: Tommy Power

Approved by: Dr Alfonso Prado-Cabrero

*Tommy Power*

Tommy Power (Mar 25, 2021 15:38 GMT)

*Alfonso Prado-Cabrero*

Alfonso Prado-Cabrero (Mar 25, 2021 15:40 GMT)

Disclaimers: The testing results in this certificate relate only to the samples described above. Unless otherwise stated, all results are expressed on an as received basis. This report shall not be altered, modified, supplemented or abstracted in any manner. Any violation of these conditions renders the report and its results void.









# TC-21-00-27 MacuHealth with LMZ3 C1900514 18 months

Final Audit Report

2021-03-25

Created:	2021-03-25
By:	Alfonso Prado-Cabrero (aprado-cabrero@wit.ie)
Status:	Signed
Transaction ID:	CBJCHBCAABAA6idpSTaSAdlzhdGEICBPhcHWkWBRB-FI

## "TC-21-00-27 MacuHealth with LMZ3 C1900514 18 months" History

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