



**FOR IMMEDIATE RELEASE**  
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**New Study Presented at Experimental Biology (Poster: E380) Shows nooLVL<sup>®</sup> Improves Cognitive Functioning in Esports Gamers**

*Study results show nooLVL<sup>®</sup> can improve concentration, attention, visual processing, and other key cognitive performance markers in esports gamers.*

**Saddle Brook, NJ:** Nutrition21, LLC (“Nutrition21”) recently conducted multiple computer-based cognitive tests through the online platform Cambridge Brain Sciences to study the effects of nooLVL in esports gamers. The tests produced significant results that back previous findings involving gamers and nooLVL. nooLVL, a patented complex of Bonded Arginine Silicate with an optimized dose of Inositol, is a non-stimulant nootropic ingredient that enhances cognitive performance in fast-paced esports competitions. nooLVL has been clinically shown to work fast to increase energy<sup>1</sup> without the addition of caffeine as well as to increase focus<sup>2</sup> and accuracy and improves reaction time.

**Previous nooLVL Findings**

nooLVL was the *first* esports ingredient to be clinically studied in gamers.

A 2019, double-blind, placebo-controlled trial found nooLVL significantly increases mental acuity and focus<sup>2</sup> within 15 minutes. It also showed that nooLVL significantly improves accuracy (reduces errors), as well as attention and reaction time in gamers, even after 60 minutes of gaming.<sup>2</sup>

**New Study: Tests & Results**

To support existing studies on the effects of nooLVL, the new study presented at the Experimental Biology 2022 meeting examined healthy adult males and females, ages 18-32, who received 1600mg of nooLVL<sup>®</sup> per day for seven days. Each subject was asked to take multiple computer-based cognitive performance tests prior to supplementation, at baseline, the first day after baseline, and seven days after supplementation. These tests were designed to show how nooLVL influences the cognitive abilities and performance of esports gamers.

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<sup>1</sup> Perceived energy measured by the validated Profile of Mood States (POMS) questionnaire

<sup>2</sup> Results compared to baseline.

Results showed that nooLVL led to<sup>3</sup>

- ***Significant improvement*** from baseline to day 1, baseline to day 7, and day 1 to day 7 was found on measures of attention/concentration (Double Trouble Stroop Test.)
- ***Significant improvement*** from baseline to day 1 and baseline to day 7 was found in visual representation (Mental Rotation Test.)
- ***Significant improvement*** from baseline to day 7 was found in forethought/sequencing (Spatial Planning Test.)

### **nooLVL & Esports Athletes: Conclusion**

Based on this study in esports gamers and previous findings, a single dose of nooLVL enhances performance on concentration, visual representation, forethought, and visual processing. Therefore, it can be concluded that consuming supplements made with nooLVL can help gamers zone in, focus, and get a leg up on the competition.

### **About nooLVL<sup>®</sup>**

nooLVL is a non-stimulant, patented complex of Bonded Arginine Silicate with an additional optimized dose of Inositol that is designed to boost cognitive performance in esports athletes. nooLVL is the first esports ingredient to be studied in a population of gamers. nooLVL<sup>®</sup> works FAST (in 15 minutes!) and delivers increased energy<sup>2</sup> safely, without caffeine and without negatively affecting heart rate or blood pressure.

\*Poster PDF available by request\*

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Nutrition21, LLC, Saddle Brook, NJ

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<sup>3</sup> No significant differences were found with the visual perception (Feature Match), object relationship (Polygons), or deductive reasoning (Odd One Out) tests.