Food and Beverage: Melatonin in Lazy Cake®

No sample preparation

Confirms active ingredient

Rapid analysis

- Lazy Cakes®, marketed as “relaxation brownies” are laced with the sleep aid melatonin
- The packaging is kid-friendly and children have eaten them and fallen asleep
- A piece of cake was analyzed to determine the ingredient that was causing sleepiness

Direct analysis confirms the active ingredient melatonin with high mass accuracy
- The analysis was performed in 15 seconds with no sample preparation and external calibration

Melatonin

\([M+H]^+\)

1.72 ppm

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