

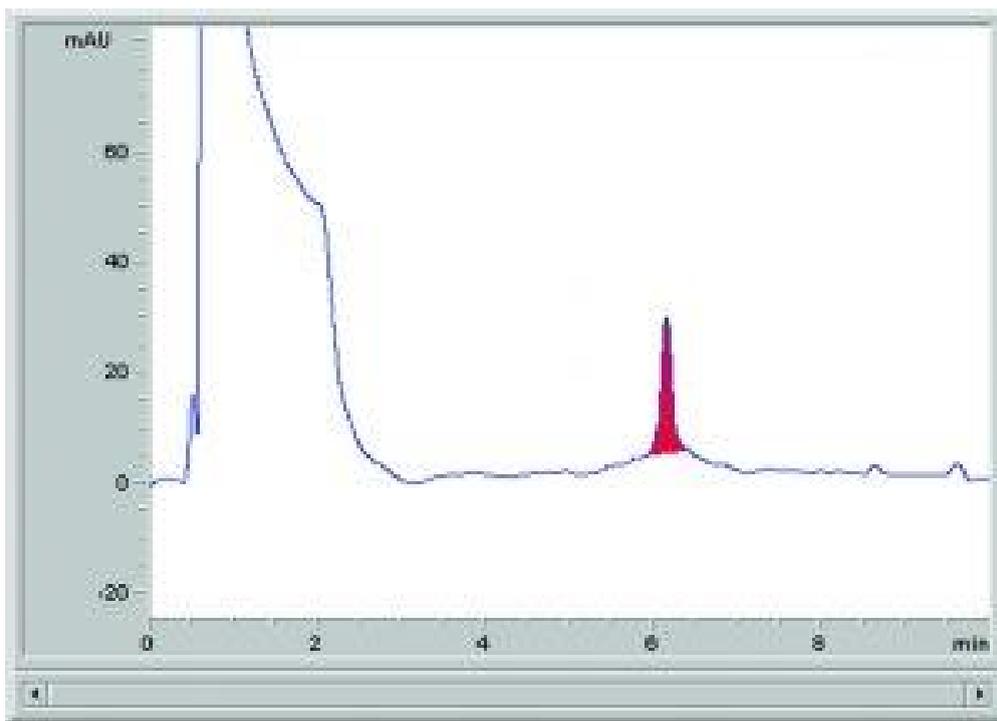
## L-Theanine in Green Tea Analyzed with HPLC - Extended AppNote

### L-Theanine in Green Tea

L-Theanine does not have significant UV absorption, but detection at a low wavelength (200 nm) was found to be suitable. With an expected sample concentration of around 10 ppm, a calibration curve in the range 2–200 ppm would be appropriate.

The data showed good linearity in the studied range, with a line of best fit of  $y = 12.32x - 7.643$  and an  $r^2$  value of 0.99995.

**Click below to download full Method Conditions**



**Attachment: L-Theanine in Green Tea Analyzed with HPLC pdf 0.3 Mb** [Download File](#)