

Table 4. Concentration of 2,6-DTBP in pure and spiked biodiesel samples by the proposed and HPLC methods, respective recovery values, and *t*-test values obtained for comparative results of the spiked samples.

Sample	BIA (mg L ⁻¹)			Recovery (%)	HPLC (mg L ⁻¹) Spiked Samples*	<i>t</i> -test 95% <i>t</i> _{critical} = 2.35
	<i>Found</i>	<i>Spiked</i>	<i>Recovery</i>			
4	< LD	504	462±10	95±2	430±30	1.2
5	< LD	296	285±12	96±4	289±2	0.4

*HPLC analysis of unspiked samples presented results below its LOD (15 mg L⁻¹).