



DISCLOSURE OF TRADING IN OWN SHARES DECEMBRE 2019

Pursuant to article 241-4-I of the AMF's General Regulations

Date of trading session	Purchase /Sale	Number of shares	Weight average price	Amount
02/12/2019	Purchase	1 501	1,15 €	1 726,15 €
02/12/2019	Sale	-1	1,17 €	1,17 €
03/12/2019	Purchase	400	1,13 €	452,00 €
03/12/2019	Sale	0	- €	- €
04/12/2019	Purchase	1 000	1,40 €	1 400,00 €
04/12/2019	Sale	-14 654	1,44 €	21 101,76 €
05/12/2019	Purchase	6 000	1,40 €	8 400,00 €
05/12/2019	Sale	-1 000	1,46 €	1 460,00 €
06/12/2019	Purchase	1 000	1,39 €	1 390,00 €
06/12/2019	Sale	0	- €	- €
09/12/2019	Purchase	0	- €	- €
09/12/2019	Sale	-3 000	1,47 €	4 410,00 €
10/12/2019	Purchase	0	- €	- €
10/12/2019	Sale	-11 000	1,60 €	17 600,00 €
11/12/2019	Purchase	0	- €	- €
11/12/2019	Sale	-4 000	1,67 €	6 680,00 €
12/12/2019	Purchase	5 000	1,56 €	7 800,00 €
12/12/2019	Sale	0	- €	- €
13/12/2019	Purchase	2 000	1,52 €	3 040,00 €
13/12/2019	Sale	-4 000	1,56 €	6 240,00 €
16/12/2019	Purchase	0	- €	- €
16/12/2019	Sale	0	- €	- €
17/12/2019	Purchase	2 000	1,44 €	2 880,00 €
17/12/2019	Sale	0	- €	- €
18/12/2019	Purchase	0	- €	- €
18/12/2019	Sale	-5 000	1,52 €	7 600,00 €
19/12/2019	Purchase	2 000	1,52 €	3 040,00 €
19/12/2019	Sale	0	- €	- €
20/12/2019	Purchase	0	- €	- €
20/12/2019	Sale	0	- €	- €
23/12/2019	Purchase	1 000	1,51 €	1 510,00 €
23/12/2019	Sale	-1 000	1,55 €	1 550,00 €
24/12/2019	Purchase	2 000	1,51 €	3 020,00 €
24/12/2019	Sale	0	- €	- €
26/12/2019	Purchase	0	- €	- €
26/12/2019	Sale	0	- €	- €
27/12/2019	Purchase	200	1,48 €	296,00 €
27/12/2019	Sale	0	- €	- €
30/12/2019	Purchase	0	- €	- €
30/12/2019	Sale	0	- €	- €
31/12/2019	Purchase	500	1,55 €	775,00 €
31/12/2019	Sale	-2 000	1,58 €	3 160,00 €

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