

Figure S1: A graph showing the percentage DPPH inhibition for all extracts in alkaline hydrolysis.

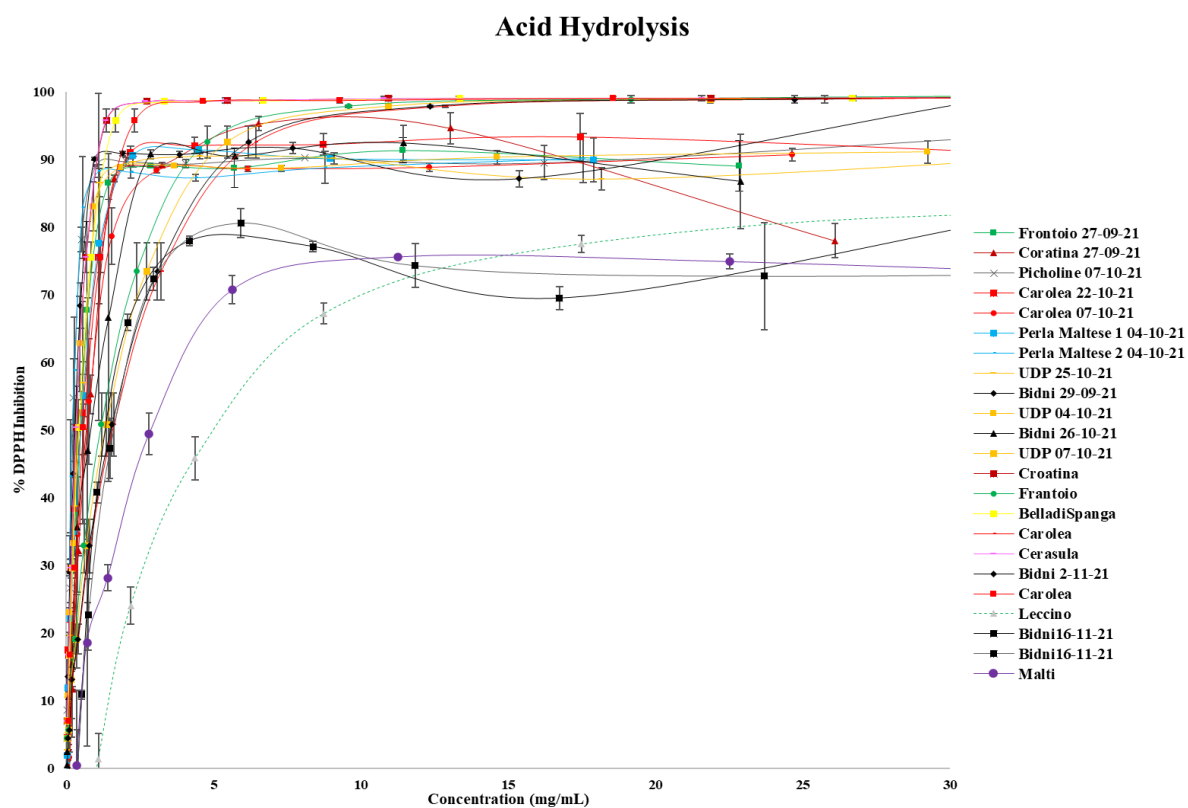


Figure S2: A graph showing the percentage DPPH inhibition for all extracts in acid hydrolysis.

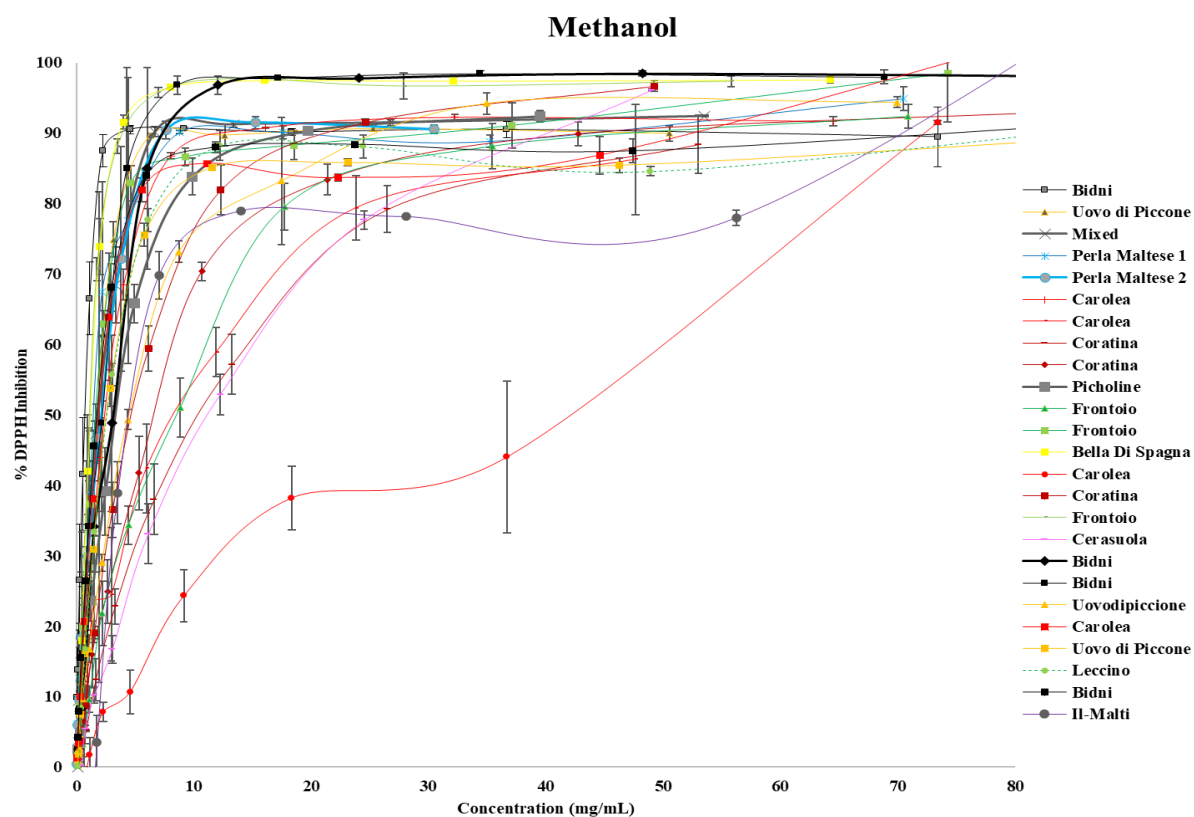


Figure S3: A graph showing the percentage DPPH inhibition for all extracts in maceration extraction.

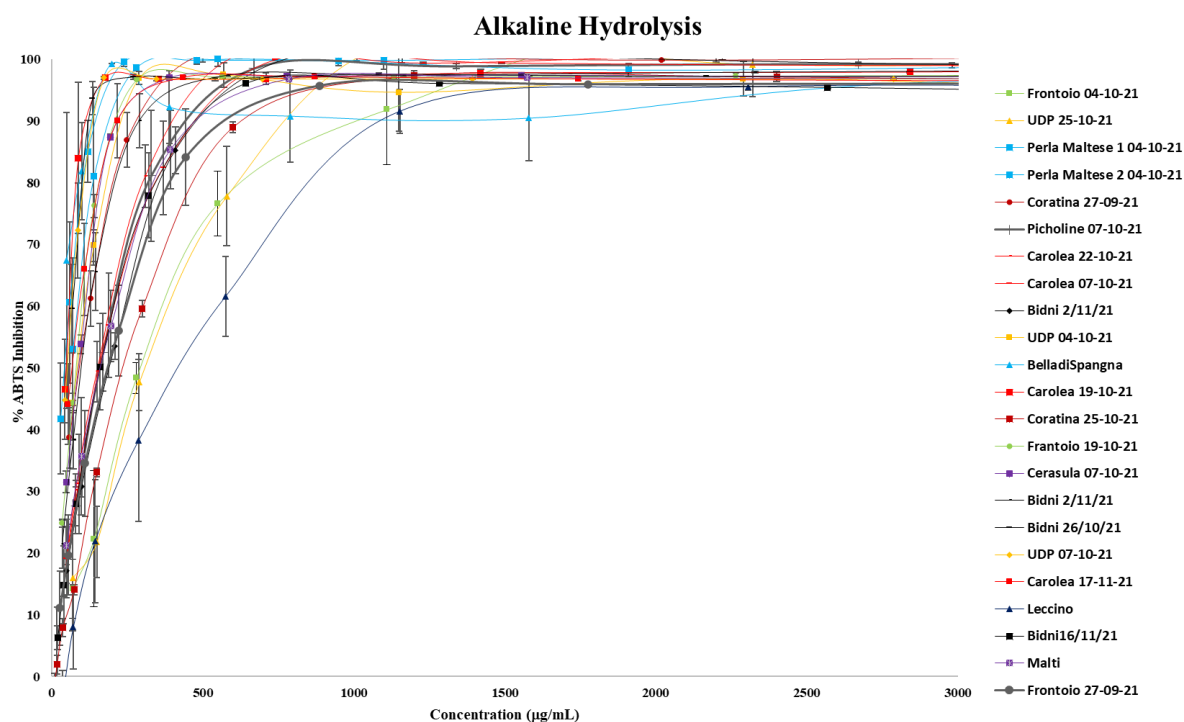


Figure S4: A graph showing the percentage ABTS inhibition for all extracts in alkaline hydrolysis.

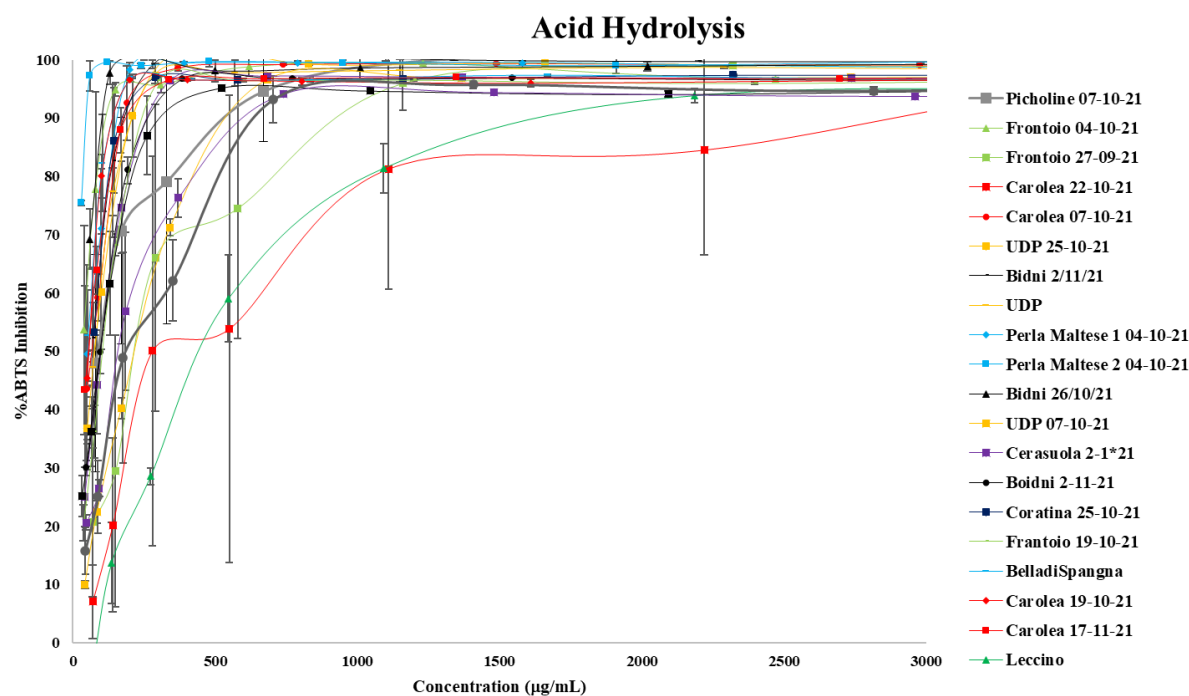


Figure S5: A graph showing the percentage ABTS inhibition for all extracts in acid hydrolysis.

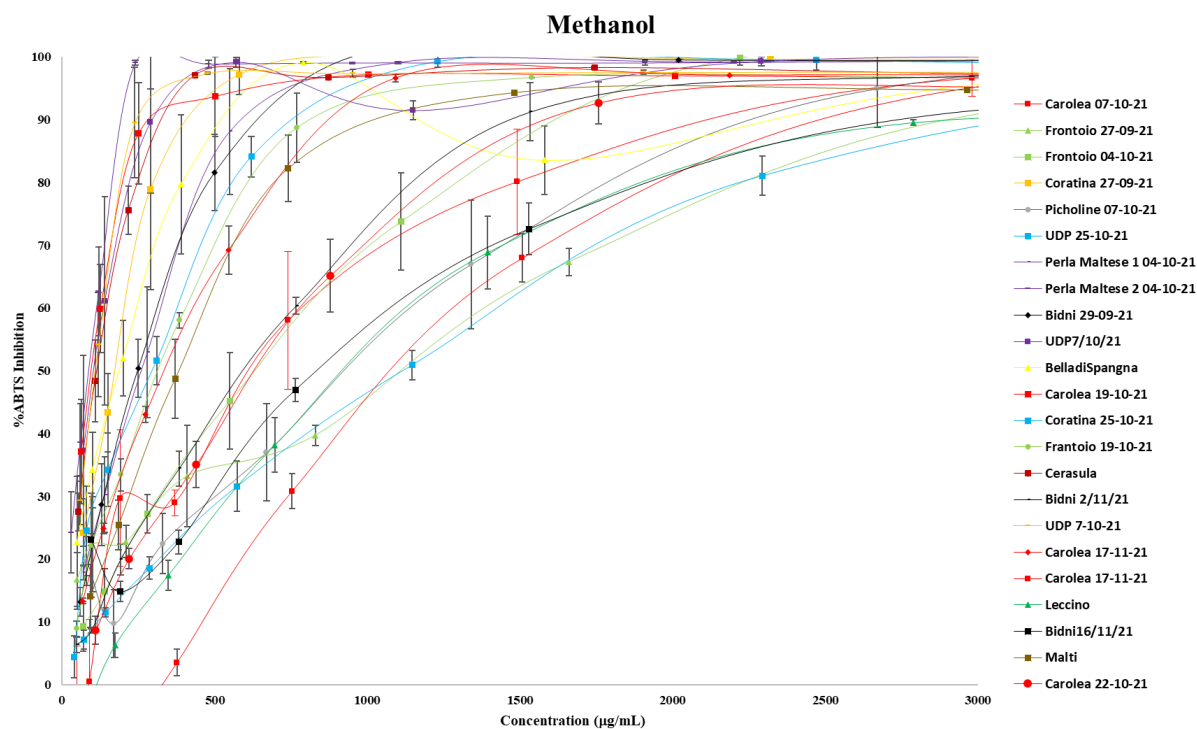
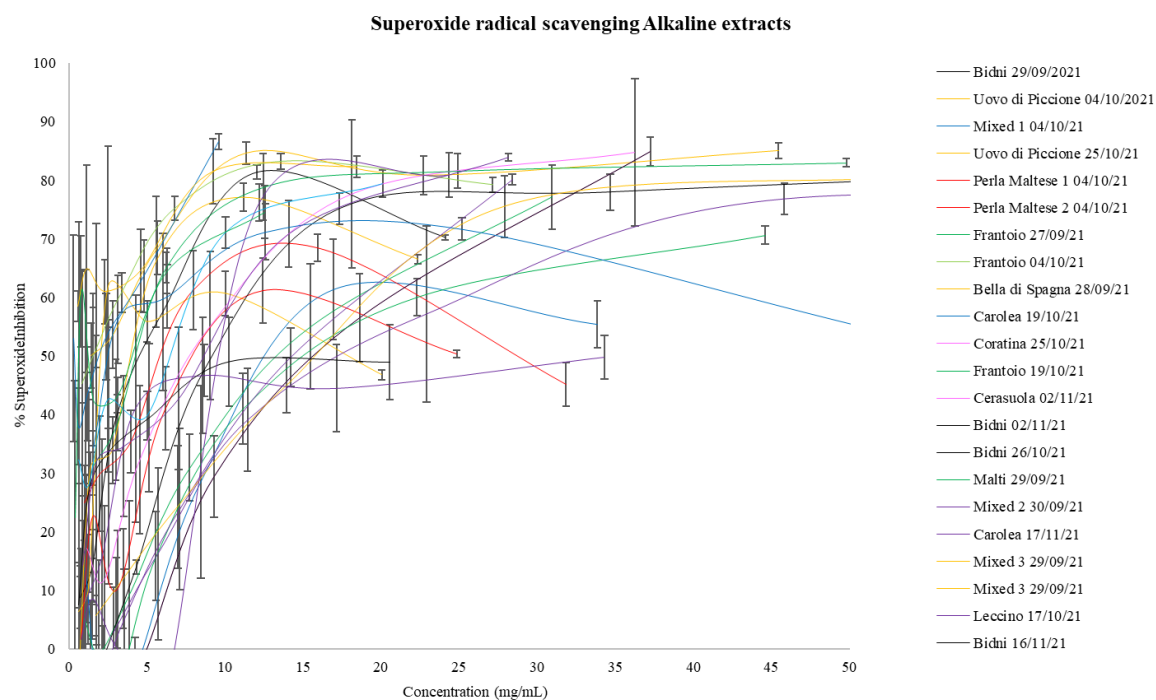
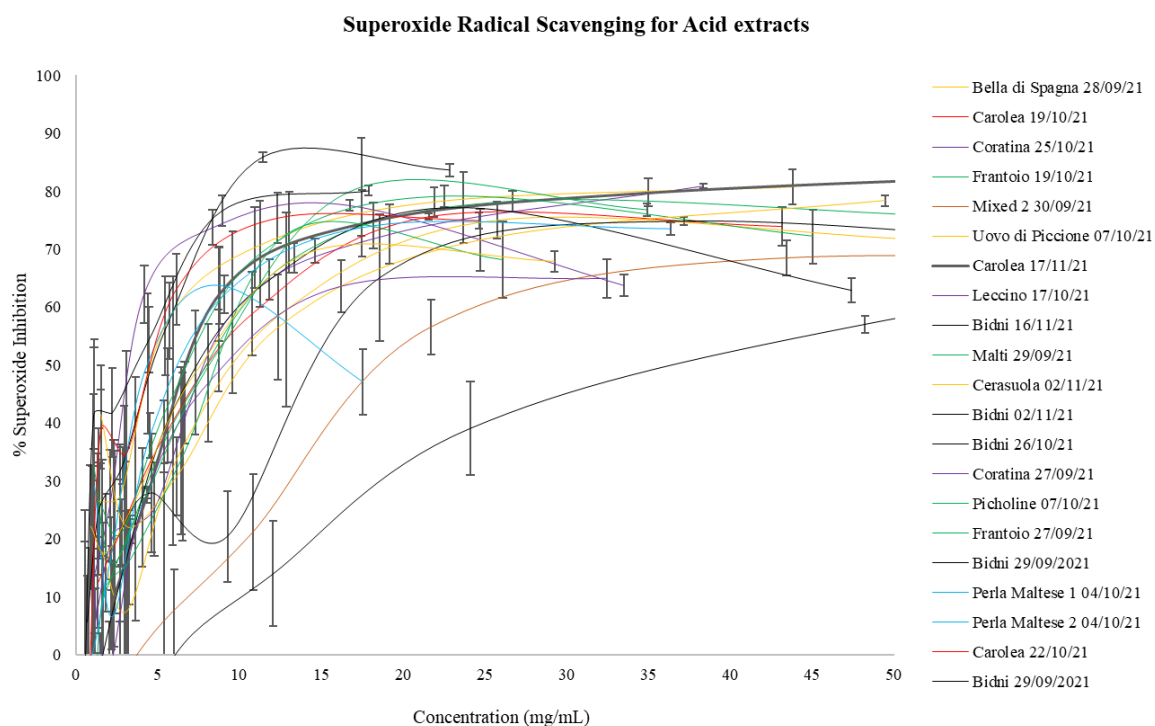


Figure S6: A graph showing the percentage ABTS inhibition for all extracts in maceration extraction.



**Figure S7: A graph showing the percentage superoxide inhibition for all extracts in alkaline hydrolysed extracts.**



**Figure S8: A graph showing the percentage superoxide inhibition for all extracts in acid hydrolysed extracts.**

### Superoxide Radical Scavenging for Methanol extracts

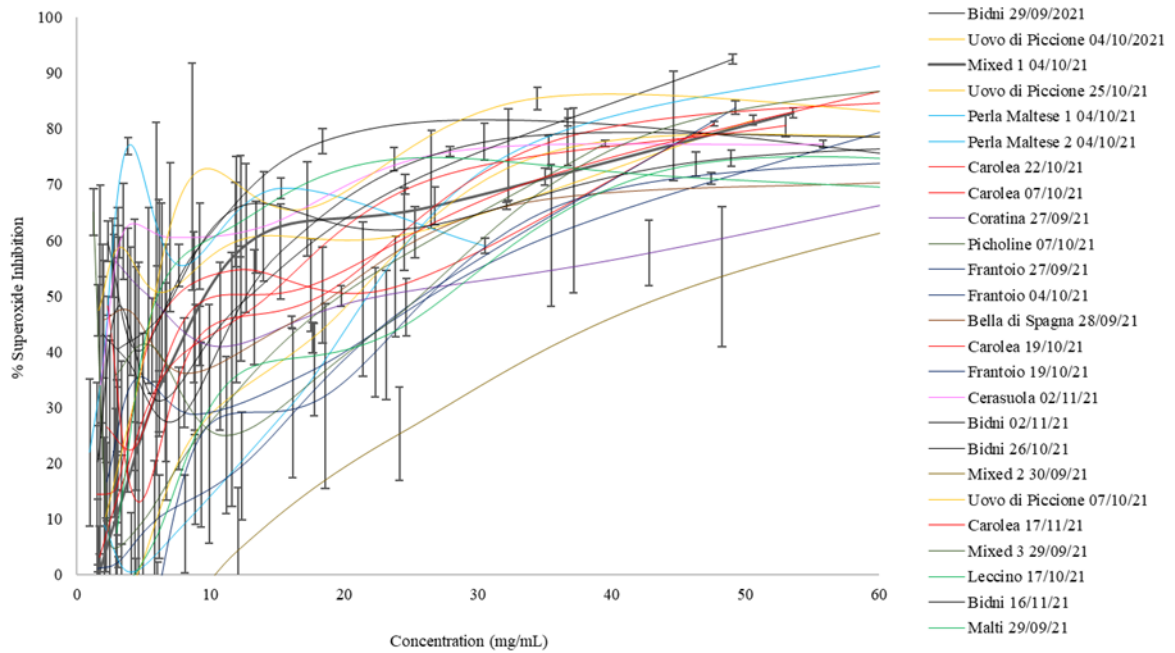


Figure S9: A graph showing the percentage superoxide inhibition for all extracts in macerated extracts.

Table S1: Extraction yields obtained

	Name	Date	Yeild in mg		
			Methanol	Acid	Alkaline
A	Bidni	9/29/2021	146.80	58.50	48.20
B	Uovo di Piccone	10/4/2021	101.10	45.80	44.70
C	Parent mixed	10/2/2021	107.10	52.10	67.70
D	Uovo di Piccone	10/25/2021	141.00	61.50	39.60
E	Perla Maltese 1	10/4/2021	60.10	35.10	49.70
F	Perla Maltese 2	10/4/2021	129.00	72.70	63.70
G	Carolea	10/22/2021	95.30	49.30	40.20
H	Carolea	10/7/2021	106.00	35.80	48.70
I	Coratina	9/27/2021	171.10	64.90	56.30
J	Picholine	10/7/2021	79.00	69.80	25.10
K	Frontoio	9/27/2021	141.80	52.20	61.90
L	Frontoio	10/4/2021	148.50	45.70	54.30
M	Bella Di Spagna	9/28/2021	128.50	103.00	90.90
N	Carolea	10/19/2021	146.80	86.30	19.20
O	Coratina	10/25/2021	89.70	76.70	72.50
P	Frontoio	10/19/2021	111.60	106.80	99.60
Q	Cerasuola	11/2/2021	98.10	98.80	74.50
R	Bidni	11/2/2021	121.90	148.60	138.70
S	Bidni	10/26/2021	192.90	87.50	89.20
T	Frantoio al peperoncino	10/25/2021	146.20	117.50	85.40
U	Kancillier mixed	9/30/2021	137.70	173.70	183.30
V	Uovo di Piccone	10/7/2021	139.30	87.60	111.60
W	Carolea	11/17/2021	178.40	139.90	36.90
X	San niklaw mixed	9/29/2021	185.10	119.90	68.60
Y	Leccino	10/17/2021	195.70	67.00	41.10
Z	Bidni	11/16/2021	189.70	94.80	100.70
A1	Il-Malti	9/29/2021	224.90	109.30	56.80