

Table SII. Diameters of particles per element in patients with frontal fibrosing alopecia and controls obtained using energy-dispersive X-ray spectroscopy

Element	Diameter (nm)	Patients with FFA (n = 20)	p-value
Chlorine			0.243
Median [IQR]	128 [108–150]	114 [93–137]	
Min–Max	[72–203]	[76–461]	
Calcium			0.027*
Median [IQR]	171 [139–207]	142 [128–168]	
Min–Max	[88–274]	[86–465]	
Titanium			0.682
Median [IQR]	118 [103–134]	117 [106–136]	
Min–Max	[99–287]	[62–218]	
Sodium			0.842
Median [IQR]	126 [107–162]	128 [109–153]	
Min–Max	[61–296]	[47–213]	
Silicon			0.095
Median [IQR]	142 [104–213]	110 [89–156]	
Min–Max	[52–272]	[59–569]	
Potassium			0.071
Median [IQR]	145 [101–205]	119 [87–149]	
Min–Max	[94–339]	[69–257]	
Magnesium			0.229
Median [IQR]	150 [86–178]	95 [78–161]	
Min–Max	[52–382]	[57–233]	
Iron			0.925
Median [IQR]	146 [126–172]	145 [111–196]	
Min–Max	[104–247]	[53–342]	
Aluminium			0.482
Median [IQR]	123 [54–193]	99 [77–109]	
Min–Max	[51–217]	[47–311]	
Copper			0.756
Median [IQR]	94 [85–228]	127 [96–146]	
Min–Max	[84–228]	[77–152]	
Total/case			0.062
Median [IQR]	145 [127–171]	133 [113–144]	
Min–Max	[105–233]	[90–365]	

Diameters of particles per element were obtained using the Bruker EDS ESPRIT Feature and Particle Analysis module.

*Statistically significant difference ($p < 0.05$).

IQR: interquartile range; min–max: minimal–maximal value; FFA: frontal fibrosing alopecia.