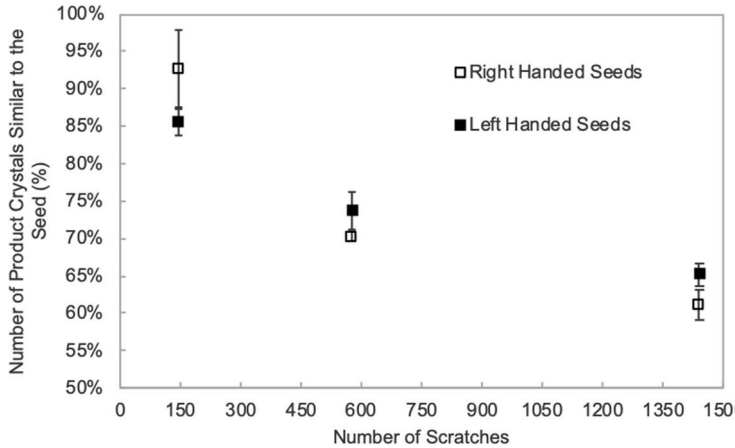

Figure 3.18 The relationship between the EE and the number of scratches.

Table 3.5 Summary of EE in both STC and OBC using purified material[65] with permission from American Chemical Society, Copyright 2012.

	STC		OBC	
Seed	Left hand	Right hand	Left hand	Right hand
EE (%)	100	100	90.9	87.8
Standard Deviation (SD)	0	0	5.9	9.9

Table 3.6 Summary of EE in both STC with scraping and OBC without scraping for purified material[65] with permission from American Chemical Society, Copyright 2012.

	STC		OBC	
Seed	Left hand	Right hand	Left hand	Right hand
EE (%)	82.8	81.7	96.5	81.9
Standard Deviation (SD)	13.8	9.7	2.3	5.6

secondary nucleation is not entirely clear; some previous work suggested that the use of recycled (*i.e.* purified) material showed an analogous effect such as the addition of nucleating agents, *i.e.* crystallisation begins at a higher temperature and a higher crystallisation rate was detected compared to materials without.[199]

The *second summary* is that scraping in a mixed system containing solution of purer solute in seeded crystallisation of $NaClO_3$ prevented further chiral symmetry from breaking.