

## Table: Number of hazardous chemicals found in hair extensions

A total of 43 hair extension products were tested, including multiple color variations. All products were purchased in September 2023. This table shows the number of carcinogens or reproductive toxicants identified by the state of California under Proposition 65; potential breast carcinogens identified by Silent Spring Institute; and detected organotin compounds. For simplicity, results from different color variations of the same product are grouped together. Product IDs correspond to Supplemental Tables in the paper, which provide additional details, including product colors, label claims, country of origin, and detected compounds.

Item description (brand, collection, and product)	Product ID(s)	“Green” claim	Proposition 65	Breast cancer-relevant	Organotins
Outre X-Pression Twisted Up Springy Afro Twist	K1, K2		1 - 2	1	
Outre X-Pression Ultra braid	K3-K9		0 - 2	0 - 1	
Outre X-Pression Lil Looks 3X Pre-Stretched	K10-K12		1 - 2	1	
Model Model Premium Silky Touch Jumbo Braid	K13		1		
Bobbi Boss Holiday Magic Jumbo Braid	K14-K16		1 - 3	2	
Sensationnel African Collection RUWA 3X Pre-Stretched Braid	A1-A3		1		
Innocence Spetra EZBRAID Professional Original Antibacterial Braid	S1, S2	✓	0	0 - 1	
Selfie Star Anytime collection Swiss Lace Front Wig	U1, U2		2	2 - 3	
Shake-N-Go Freetress 301 Pre-Stretched Braid	U3, U4		5 - 6	6	7
Shake-N-Go Freetress GOGO CURL	U5, U6		3 - 5	5	4 - 5
Bobbi Boss African Roots Braid Nu Locs	U7		2	3	
Latched & Hooked Braid Pre-Stretched Braiding Hair	U8	✓			
Shake-N-Go Milky Way Que Human Hair Mastermix	M1		2	3	
Shake-N-Go ORGANIQUE Breezy wave	M2-M5		1 - 2	1 - 2	
Shake-N-Go ORGANIQUE Straight	M6, M7		3 - 4	3 - 4	

Sensationnel Bare & natural 100% Virgin Human Hair*	V		5	5	
Yummy Extensions Raw Cambodian*	R1		3	6	
Yummy Extensions NEW! Raw LAO Lush*	R2		5	7	
Cruz Textures Raw Indian*	R3		3	5	
Rebundle Braidbetter*	B1, B2	✓	1	1 - 2	
Cherry Blossom 3D Silk*	L		4	5	

\*Human hair, banana fiber, or silk

**Reference:** Franklin, E.T., K. Favela, R. Spies, J.M. Ranger, R.A. Rudel. 2026. Identifying chemicals of health concern in hair extensions using suspect screening and non-targeted analysis. *Environment & Health*. DOI: 10.1021/envhealth.5c00549