

**CERTIFICATE OF ANALYSIS**

Edition date: 2018-10-03

Product:	UNIPURE RED LC3079	Manufacturing Date:	2018-07-03
		Expiry Date:	2028-06-30
FDA certified lot:	AY7675		
Original batch:	5519366		
Invoiced batch:	1087562		

Analysis	Minimum Value	Maximum Value	Result	Test Method
Appearance	POWDER	POWDER	POWDER	10-010
Odour	NONE	NONE	NONE	10-022
Water solubility	INSOLUBLE	INSOLUBLE	INSOLUBLE	10-046
Full shade (delta E < 1,2)	Passed	Passed	Passed	10-125C
Müller blasting (delta E<1,2)	Passed	Passed	Passed	10-126
Antimony (ppm)	0	10	0	10-210
Arsenic (ppm)	0	3.0	0	10-213
Barium (ppm)	0	50	4	10-214
Cadmium (ppm)	0	1.0	0	10-210
Chromium (ppm)	0	50	3	10-210
Copper (ppm)	0	50	0	10-210
Lead (ppm)	0	2.0	0	10-210
Mercury (ppm)	0	1.0	0	10-213
Nickel (ppm)	0	30	1	10-210
Zinc (ppm)	0	100	8	10-210
Microbiology (pathogens free)	Passed	Passed	Passed	10-123
Pure dye content (%)	90	100	92	FDA
Microbiology (<100 UFC/g)	Passed	Passed	Passed	10-123

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