

## CERTIFICATE OF ANALYSIS

Edition date: 2021-04-14

<b>Product:</b>	ZKN-02000 Natural soap colour carmin	<b>Manufacturing Date:</b>	2020-02-21
		<b>Expiry Date:</b>	2030-02-18
<b>Invoiced batch:</b>	1104994		

Analysis	Minimum Value	Maximum Value	Result	Test Method
Appearance	CRYSTALLIZED POWDER	POWDER	POWDER	10-010
Odour	CHARACTERISTIC	CHARACTERISTIC	CHARACTERISTIC	10-022
Water solubility	SOLUBLE	SOLUBLE	SOLUBLE	10-046
Volatile matter - 105°C (%)	0	20.0	7.4	10-102
Matrix	WATER	WATER	WATER	10-124
Dilution (mg/l)	50	50	50	10-124
Maximum 1 (nm)	510	518	515	10-124
Maximum 2 (nm)	547	555	553	10-124
Absorbance 1	.576	.704	.671	10-124
Absorbance 2	.414	.506	.490	10-124
Antimony (ppm)	0	5	0	10-210
Arsenic (ppm)	0	1.0	0	10-213
Barium (ppm)	0	50	0	10-214
Cadmium (ppm)	0	.1	0	10-210
Chromium (ppm)	0	20	4	10-210
Copper (ppm)	0	100	20	10-210
Lead (ppm)	0	1.5	1.0	10-210
Mercury (ppm)	0	.5	.4	10-213
Zinc (ppm)	0	100	30	10-210



Julie Riviere, Quality Control Manager

**Remark:**

Original packing units tightly closed and stored at room temperature below 25°C. This certificate is established under the responsibility of our quality control laboratory and is valid without signature. Comparative controls are made against Sensient Cosmetic Technologies.

**Important:**

Certificate is for the use of your quality control laboratory. However, it does not relieve it of its obligation to inspect the product upon receipt.