

Certificate of Analysis

Product Name: Safety Bright Orange (Formerly known as Smiley Orange)

Supplier: TKB Trading

Batch No.: N/A

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Polyurethane-11	68258-82-2	98-99 %	98.70%	CIPC
Yellow 5	12225-21-7	1-2 %	1.30%	CIPC
Particle size(80% within the range 1-5µm)		confirms 1-5µm	confirms 1-5µm	laser diffraction laser diffraction
Heavy metals				
As		≤2 ppm	≤2 ppm	CIPC
Ba		≤50 ppm	≤50 ppm	CIPC
Cd		≤3 ppm	≤3 ppm	CIPC
Cr		≤100 ppm	≤100 ppm	CIPC
Cu		≤50 ppm	≤50 ppm	CIPC
Hg		≤1 ppm	≤1 ppm	CIPC
Ni		≤10 ppm	≤10 ppm	CIPC
Pb		≤10 ppm	≤10 ppm	CIPC
Sb		≤1 ppm	≤1 ppm	CIPC
Zn		≤50 ppm	≤50 ppm	CIPC
Visual and colorimetric evaluation		confirms	confirms	
Microbiological purity				
Microorganisms		<100CFU/g	<100CFU/g	
Ph.Eur.USP XXII		No Pathogens	No Pathogens	CIPC

It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order