



Certificate of Analysis (Representative Sample Certificate)

Product Name: Ultramarine Violet
Batch No.: N/A — Representative Sample

COMPOSITION (INCI)

Assay (INCI)	CAS No.	Spec. Values	Batch Values
Ultramarine Violet	12769-96-9	99.90%	99.90%

PHYSICAL PROPERTIES

Parameter	Spec. Values	Batch Values	Method
Particle Size	conforms	conforms	Laser Diffraction
Particle Size (<1 Micron)	<1.0 Micron	<1.0 Micron	Laser Diffraction
pH (4% H ₂ O)	6-9	7.2	ISO 787-9
Visual/Colorimetric	conforms	conforms	

HEAVY METALS

Element	Spec.	Batch
As (Arsenic)	≤2 ppm	≤2 ppm
Ba (Barium)	≤50 ppm	≤50 ppm
Cd (Cadmium)	≤3 ppm	≤3 ppm
Cr (Chromium)	≤100 ppm	≤100 ppm
Cu (Copper)	≤50 ppm	≤50 ppm
Hg (Mercury)	≤1 ppm	≤1 ppm
Ni (Nickel)	≤10 ppm	≤10 ppm
Pb (Lead)	≤10 ppm	≤10 ppm
Sb (Antimony)	≤1 ppm	≤1 ppm
Zn (Zinc)	≤50 ppm	≤50 ppm

MICROBIAL PURITY

Test	Spec.	Result
Microorganisms	100 CFU/g	100 CFU/g
Pathogens	No Pathogens	No Pathogens

*Representative sample COA. Data may vary slightly with different lots or batches.
It is hereby confirmed that the delivered goods have been examined and are in accordance with our confirmation of order.*