

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22845
Lot Number	000331-50390
Product	Curcumin Natural Yellow 3
CAS Number	458-37-7
Molecular Formula	C ₂₁ H ₂₀ O ₆
Molecular Weight	368.38

Appearance	Orange-yellow powder
Solubility	Clear to hazy yellow to orange solution (10 mg/mL in Ethanol)
Cation	Lead : < 0.50 ppm Mercury : Not detected Arsenic : < 0.1 ppm Cadmium : < 0.1 ppm
Visual Transition Range	pH 7.4 (Yellow) to pH 8.6 (Red); pH 10.2 (Red) to pH 11.8 (Orange)
Loss on Drying	0.15% at 105 °C
Residue On Ignition	0.19%
Purity by HPLC	95.44% (Dried basis)
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager