

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22954
Lot Number	000331-33120
Product	Carmine (Alum lake) Certified Natural Red 4 CI 75470
CAS Number	1390-65-4
Molecular Formula	C ₂₂ H ₂₀ O ₁₃
Molecular Weight	492.39

Appearance	Red powder
Solubility	Soluble in Ethanol, alkali hydroxides, borax (0.8 mg/ml); partly soluble in water (8mg/ml) or dilute acids
Cation	Lead (as Pb): < 10 ppm Arsenic (As) : < 1 ppm
Loss on Drying	12.86%
Ash	7.44%
Dye content	52.45% (Carminic Acid)
Grade	Certified
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