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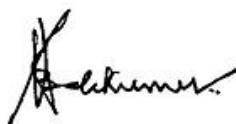
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	22937
Lot Number	002126-105-16-17
Product	Tartrazine 3-Carboxy-5-hydroxy-1- <i>p</i> -sulfophenyl-4- <i>p</i> -sulfophenylazopyrazole trisodium salt Acid Yellow 23
CAS Number	1934-21-0
Molecular Formula	C ₁₆ H ₉ N ₄ O ₉ S ₂ •3Na

Appearance	Orange powder
Heavy Metals	< 40mg/Kg (as Pb)
Cation	Arsenic (As): < 3mg/Kg Lead (Pb): < 10mg/Kg
Water Content (Karl Fisher)	0.051%
Insoluble	0.051% (Water-insoluble)
Loss on Drying	12.30%
Related Substances	Combined ether extracts: 0.046% Subsidiary dyes: 0.012%
Dye content	87.20%
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