Certificate of Analysis

Alizarin complexone

Cat. No.: HY-121075 CAS No.: 3952-78-1 Batch No.: 260593

Chemical Name: Glycine, N-(carboxymethyl)-N-[(9,10-dihydro-3,4-dihydroxy-9,10-dioxo-2-anthracenyl)methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{15}NO_{8}$ Molecular Weight: 385.32

Storage: 4°C, protect from light, stored under nitrogen

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Yellow to brown (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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