

# Certificate of Analysis

**Product Name:** Neutral red dye (content >90%)  
**Cat #:** N-130  
**CAS #:** 553-24-2  
**Lot #:** Lot Specific  
**Retest Date:** Lot Specific  
**Storage:<sup>†</sup>** Store at 4°C. Protect from light.

Test	Specs	Results
Color	deep brown to deep green	deep brown
Form	crystalline powder	crystalline powder
Color of Solution (0.005% in water/ethanol 1:1)	red	red
Turbidity (0.005% in water/ethanol 1:1)	max. 7.0 NTU	1.6 NTU
Loss on Drying (110°C, 2 h, vacuum)	max. 10.0%	4.2%
Dye Content (with reference substance; UV)	90.0 to 110.0%	95.3%
TLC (50 mg in 3 ml methanol/water 2:1; ethyl acetate/acetic acid/water/pyridine 25:5:10:15; UV 254 nm, visual)	corresponds to reference material	corresponds
FT-IR Spectrum	corresponds to reference spectrum	corresponds

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

**Gold Biotechnology, Inc.**  
 1328 Ashby Rd.  
 St. Louis, MO 63132  
 P: (314)890-8778  
 F: (314)890-0503  
 E: [contactgoldbio86@goldbio.com](mailto:contactgoldbio86@goldbio.com)