

# CERTIFICATE OF ANALYSIS

Product Description SUDAN IV  
Product Number S7750  
Lot Number 14H7750001  
Molecular Weight 380.44  
Formula  $C_{24}H_{20}N_4O$   
CAS Number 85-83-6  
Storage Temperature Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
Physical Appearance		
Color*	Under Development	2113-10 Reddish Brown
Texture	Fine Powder	Fine Powder
Solution Appearance		
Color	Under Development	Dark Red
Clarity	Clear	Clear
Average Time to Dissolve	Under Development	Passes
Insolubles	None to Few	Passes-None
Purity	Under Development	80%
FTIR	Conforms to Structure	Passes

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

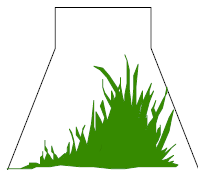
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.**

Recommended Shelf Life Date: September 2022



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories®  
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 Outside the USA & Canada)  
Fax: 1-888-449-8682 (1-913-341-5442 Outside the USA & Canada)  
Visit our Web Site at <http://www.phytotechlab.com>



Created on 11 September 2014 DS