

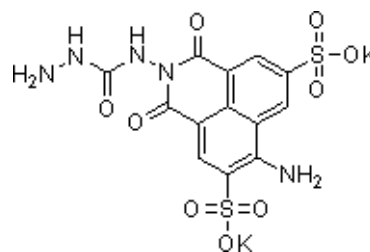
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Lucifer Yellow CH dipotassium salt - powder

Product Number: L0144
CAS Number: 71206-95-6
MDL: MFCD00013445
Formula: C₁₃H₉K₂N₅O₉S₂
Formula Weight: 521.57 g/mol



TEST

Specification

Appearance (Color)	Orange
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Solubility (Turbidity) c = 1 mg/ml; Water	Clear to Slightly Hazy
Solubility (Color)	Yellow to Orange
Wave Length	424 - 430 nm
Extinction Coefficient	≥ 11000
Wave Length	276 - 282 nm
Extinction Coefficient	≥ 23000
Carbon	26.3 - 33.5 %
Nitrogen	11.8 - 15.1 %

Specification Date : 05/06/2011

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.