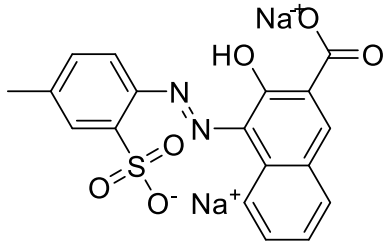


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
596142	Pigment Red 57	SPC81004

Chemical name	
sodium (E)-3-hydroxy-4-((4-methyl-2-sulfonatophenyl)diazenyl)-2-naphthoate	
Synonyms	
Pigment Red 57; D & C Red No. 6; Japan Red 201; Lithol rubin B; Rubine Red RR 1253; Lithol Rubine Na	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 596142 Name: Pigment Red 57 CAS#: 5858-81-1 Lot# SPC81004 Chemical Formula: C ₁₈ H ₁₂ N ₂ Na ₂ O ₆ S Exact Mass: 430.0211 Molecular Weight: 430.34

Analysis item	Specifications / Results
Appearance	Red solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>90.0%
Solubility	Soluble in H ₂ O
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE