

SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106 & 107, 1ST FLOOR, BHOIDAPADA,

SATIVALI ROAD, VASAI (EAST), THANE - 401 208. MH, INDIA

sales@suvchem.com

Certificate Of Analysis

PRODUCT NAME	METHYL ORANGE
CAS NUMBER	547-58-0
MOLECULAR FORMULA	C ₁₄ H ₁₄ N ₃ NaO ₃ S
MOLECULAR WT	327.33
C.I. NUMBER	13025
BATCH NUMBER	MO042220
MFG DATE	APRIL 2022
BEST BEFORE	MARCH 2027
PRODUCT CODE	M0137100025

DESCRIPTION	LIMITS	RESULTS
APPEARANCE	ORANGE POWDER	COMPLIES
TRANSITION RANGE	PH 3.1-4.4	PINK-ORANGE YELLOW
SOLUBILITY	ORANGE SOLUTION	PASSES TEST
(IN 0.1% DISTILLED WATER)		
ABSORPTIVITY Q1%/1CM,		
PH 3.1 AT MAX. 504.8NM	1050-1150	1114
PH 4.4 AT MAX. 468.4NM	750-850	823
LOSS ON DRYING (110°C)	<3%	1.26%
DYE CONTENT BY SPECTROPHOTOMETRY	>95%	96.8%

DISCLAIMER:

- **SUVCHEM™** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM™** shall not be responsible for any damage resulting from handling or from contact with the above product.