

TECHNICAL DATA SHEET

Methyl Orange | CAS 547-58-0

1. Product Identification

Product Name	Methyl Orange
CAS Number	547-58-0
Synonyms	Sodium 4-[(4-dimethylaminophenyl)diazenyl]benzenesulfonate, Tropaeolin D, CI Acid Orange 52
Category	Dye & Pigment
Available Grades	LR Grade/AR Grade
HSN Code	3204.19

2. Physical & Chemical Properties

Molecular Formula	C ₁₉ H ₁₆ N ₂ NaO ₃ S
Molecular Weight	327.34
Appearance	Orange-yellow powder
Density	1.28 g/cm ³
Boiling Point	N/A
Melting Point	N/A
Flash Point	None
Solubility	Soluble in water (0.5g/100ml)

3. Applications

• pH indicator (3.1-4.4) • Titration indicator • Laboratory • Acid-base research

4. Industries Served

Research Laboratories, Education, Chemical

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.