

Chem-Impex International, Inc.

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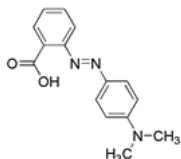
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	22782
Product	Methyl Red free acid 4-Dimethylaminoazobenzene-2'-carboxylic acid CI 13020
CAS Number	493-52-7
Molecular Formula	C ₁₅ H ₁₅ N ₃ O ₂
Molecular Weight	269.3

Appearance	Dark red or dark purple powder
Melting Point	177 - 184 °C (Lit.)
Visual Transition Range	From pH 4.2 (pink) to pH 6.2 (yellow)
Loss on Drying	≤ 3% (110 °C, 1 hour)
Dye content	≥ 96%
Storage	Store at RT
Additional Information	Absorptivity 1%/1cm : (pH 6.2) at λ _{max} 430 nm : > 700 (pH 4.2) at λ _{max} 527 nm : > 1300

For Laboratory Use Only