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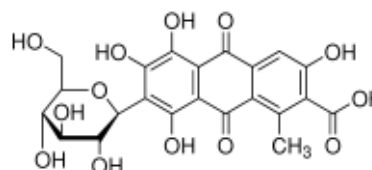
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Carminic acid

Product Number: 229253
CAS Number: 1260-17-9
MDL: MFCD00167028
Formula: C₂₂H₂₀O₁₃
Formula Weight: 492.39 g/mol



TEST

Specification

Appearance (Color)	Red to Very Dark Red and Purple and Red-Purple and Purple-Red
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength c = 0.03g/L; Ethanol	494 - 500 nm
Extinction Coefficient	≥ 5000
Wavelength	275 - 281 nm
Extinction Coefficient	≥ 18000
Wavelength	222 - 228 nm
Extinction Coefficient	≥ 13000
TLC	Consistent with Past Lots
Solubility (Turbidity) c = 1%; 1N Acetic Acid	Clear to Slightly Hazy
Solubility (Color)	Red to Very Dark Red

Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000018782

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.