



Specification

Carminic Acid 95%

Catalog Number:	CA1021
CAS Number:	1260-17-9
C.I. Number:	75470
Synonyms:	Natural Red 4; Carmine; 7-a-D-Glucopyranosyl-9,10-dihydro-3,5,6,8-tetrahydroxyl-1-methyl-9,10-dioxo-2-anthracene carboxylic acid
Molecular Formula:	C ₂₂ H ₂₀ O ₁₃
Molecular Weight:	492.40
Storage:	15°C – 30°C

Test	Specification
Appearance	Dark red powder
Lambda max.	495nm in methanol
Dye content	50% minimum
Solubility (10 mg/ml 0.1N Acetic Acid)	Clear, dark red solution
Loss on drying	10% maximum
Lead	10 ppm maximum

Approved:

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