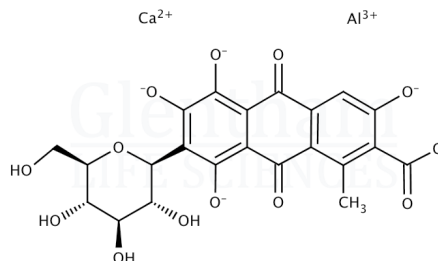


Certificate of Analysis

Product Name Carmine (C.I. 75470)
Glentham Code GT9400
CAS Number 1390-65-4
EINECS 215-724-4
Colour Index 75470
MDL Number MFCD00167028
PubChem SID 310269389
Batch Number 699VKJ

Molecular Weight -
Molecular Formula -
Storage Temp. +20°C



Property	Specification	Batch 699VKJ
Physical Description	Red to dark purple powder	Red powder
Solubility (0.1% in 2N NH ₄ OH)	Clear, red or red-purple solution	Conforms
Wavelength of Maximum Absorption (λ _{max})	525 - 535 nm	531nm
Absorption Ratio (λ _{max} ± 15nm)	0.9 - 1.1	0.96
Loss on Drying	≤ 20.0%	10.5%
Dye Content	≥ 42.0% (Carminic acid)	50.8%

Specification Version v1.0
Manufacture Date 2017-07-10
Re-Test Date 2027-11-22

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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