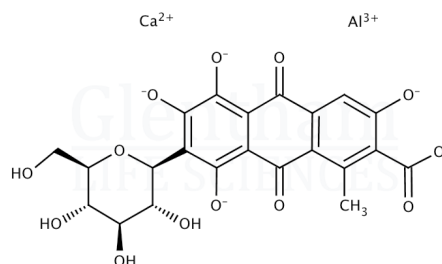


Certificate of Analysis

Product Name Carmine (C.I. 75470)
Glentham Code GT9400
CAS Number 1390-65-4
EINECS 215-724-4
Index des couleurs 75470
Numéro MDL MFCD00167028
PubChem SID 310269389
Batch Number 171ZCI

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



Property	Specification	Batch 171ZCI
Physical Description	Red to dark purple powder	Red powder
Solubility (0.1% in 2N NH_4OH)	Clear, red or red-purple solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	525 - 535 nm	531nm
Absorption Ratio ($\lambda_{\text{max}} \pm 15\text{nm}$)	0.9 - 1.1	0.95
Loss on Drying	$\leq 20.0\%$	12.4%
Dye Content	$\geq 42.0\%$ (Carminic acid)	51.1%

Specification Version v1.0
Manufacture Date 2019-01-01
Re-Test Date 2031-03-10

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025