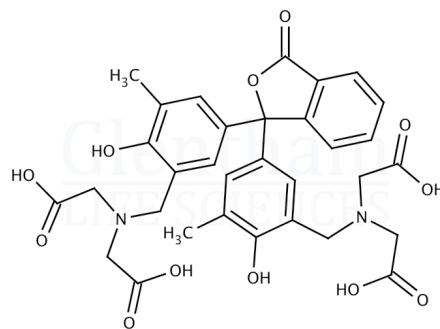


## Certificate of Analysis

Product Name	o-Cresolphthalein complexone
Glentham Code	GT0978
CAS Number	2411-89-4
EINECS	219-318-8
MDL Number	MFCD00005911
PubChem SID	310270536
Batch Number	976JNX
Molecular Weight	636.62
Molecular Formula	$C_{32}H_{32}N_2O_{12}$
Storage Temp.	+20°C



Property	Specification	Batch 976JNX
Physical Description	White or off-white powder	Off-white powder
Solubility (5% in 1M NaOH)	Clear, purple to dark purple solution	Clear, purple solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ ) Reported		575.4nm
Absorptivity (1%/1cm)	$\geq 700$ (0.1M NaOH, $\lambda_{max}$ )	800
Loss on Drying	$\leq 10.0\%$ (110°C)	4.57%
Nitrogen (N)	4.1 - 4.7 % (anhydrous basis)	4.63%
Suitability for Calcium Determination	To pass test	Conforms

Specification Version	v1.0
Manufacture Date	2015-07-01
Re-Test Date	2028-04-16

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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