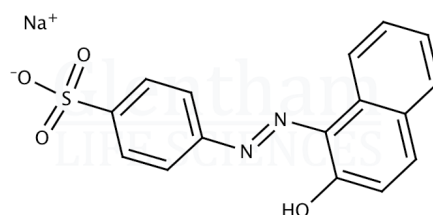


Certificate of Analysis

Product Name	Orange II sodium salt
Glentham Code	GT2987
CAS Number	633-96-5
EINECS	211-199-0
MDL Number	MFCD00011657
PubChem SID	310278364
Batch Number	197AKI

Molecular Weight	350.32
Molecular Formula	C ₁₆ H ₁₁ N ₂ NaO ₄ S
Storage Temp.	+20°C



Property	Specification	Batch 197AKI
Physical Description	Orange, dark orange or red-brown or dark maroon-brown powder	Conforms
pH Transition Range(s)	7.4 - 8.6 (amber to orange); 10.2 - 11.8 (orange to red)	Conforms
Wavelength of Maximum Absorption (λ _{max})	482 - 487 nm	485nm
Absorption Ratio (λ _{max} ± 15nm)	0.8 - 1.2	0.95
Dye Content	≥ 90%	97%

Specification Version	v1.0
Manufacture Date	2015-12-01
Re-Test Date	2028-10-08

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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