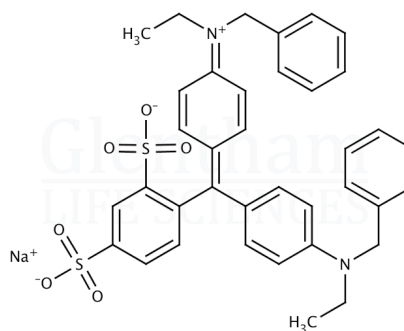


Certificate of Analysis

Product Name Alphazurine A
Glentham Code GT7468
CAS Number 3486-30-4
EINECS 222-476-0
MDL Number MFCD00044440
PubChem SID 310266076
Colour Index 42080
Batch Number 241AEE

Molecular Weight 690.80
Molecular Formula $C_{37}H_{35}N_2NaO_6S_2$
Storage Temp. +20°C



Property	Specification	Batch 241AEE
Physical Description	Blue to dark purple powder	Dark purple powder
Solubility (0.1% in water)	Clear, dark blue solution	
Wavelength of Maximum Absorption (λ_{max1})	635 - 641 nm (in water)	Conforms
Extinction Coefficient	Reported at λ_{max1}	85420
Wavelength of Maximum Absorption (λ_{max2})	407 - 413 nm (in water)	Conforms
Extinction Coefficient	Reported at λ_{max2}	10020
Wavelength of Maximum Absorption (λ_{max3})	309 - 315 nm (in water)	Conforms
Extinction Coefficient	Reported at λ_{max3}	13900
Loss on Drying	$\leq 10.0\%$	3.5%

Specification Version v1.0
Manufacture Date 2019-09-29
Re-Test Date 2030-05-18

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, 2024