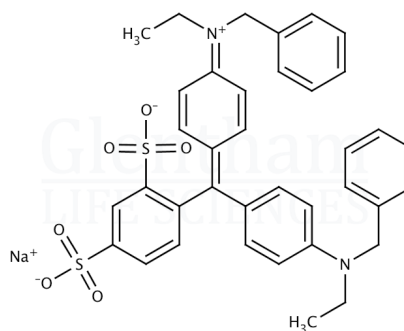


## Certificate of Analysis

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 ( $\lambda_{max1}$ )	635 - 641 nm (in water)	Conforms
Extinction Coefficient	Reported at $\lambda_{max1}$	85420
Wavelength of Maximum Absorption ( $\lambda_{max2}$ )	407 - 413 nm (in water)	Conforms
Extinction Coefficient	Reported at $\lambda_{max2}$	10020
Wavelength of Maximum Absorption ( $\lambda_{max3}$ )	309 - 315 nm (in water)	Conforms
Extinction Coefficient	Reported at $\lambda_{max3}$	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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