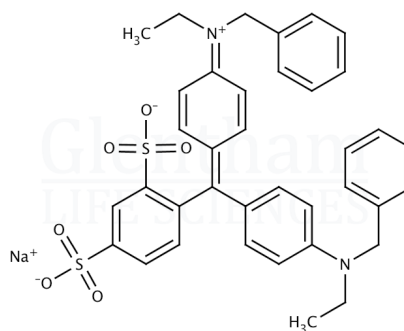


Product Specification

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



| Property | Specification |
|---|------------------------------|
| Physical Description | Blue to dark purple powder |
| Solubility (0.1% in water) | Clear, dark blue solution |
| Wavelength of Maximum Absorption (λ_{max1}) | 635 - 641 nm (in water) |
| Extinction Coefficient | Reported at λ_{max1} |
| Wavelength of Maximum Absorption (λ_{max2}) | 407 - 413 nm (in water) |
| Extinction Coefficient | Reported at λ_{max2} |
| Wavelength of Maximum Absorption (λ_{max3}) | 309 - 315 nm (in water) |
| Extinction Coefficient | Reported at λ_{max3} |
| Loss on Drying | ≤ 10.0% |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2020-05-14 |

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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