

Certificate of Analysis

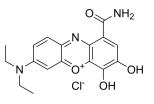
Celestine Blue

| Cat. No.: | HY-D0948 |
|----------------|-------------------------------------------------------------------------------------|
| CAS No.: | 1562-90-9 |
| Batch No.: | 291608 |
| Chemical Name: | Phenoxazin-5-ium, 1-(aminocarbonyl)-7-(diethylamino)-3,4-dihydroxy-, chloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₁₇ H ₁₈ ClN ₃ O ₄ |
|--------------------|----------------------------------------------------------------------------------------|
| Molecular Weight: | 363.80 |
| Storage: | 4°C, sealed storage, away from moisture and light |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and |
| | light) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Brown to black (Solid) |
|-------------|-------------------------------------------------------------------------|
| Assay: | 66.00% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

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E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA