

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-67E8D1E6-4080-421C-9120-47010F5EF3D9_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2390_01_01
DOI Ref: x8tus

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Resazurin (Sodium),

$C_{12}H_6NNaO_4$ 251.17 CAS RN[®]: 62758-13-8.—A brownish-purple, crystalline powder. One g dissolves in 100 mL of water, forming a deep-violet-colored solution.

Hydrogen sulfide and other compounds containing the thiol group decolorize solutions of resazurin sodium, forming dihydroresorufin. When the decolorized solution is shaken in the presence of air, a rose color develops as a result of the formation of resorufin.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

| Topic/Question | Contact | Expert Committee |
|--------------------|--|------------------|
| RESAZURIN (SODIUM) | Margareth R.C. Marques Principal Scientific Liaison | HDQ Headquarters |

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