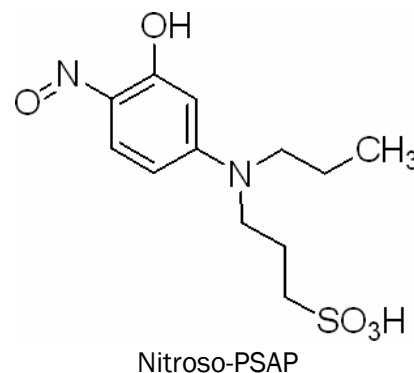


CHROMOGENS

NITROSO PSAP – NPS-251C

SPECIFICATIONS

CAS	80459-15-0
Name	2-Nitroso-5-(N-propyl-3-sulfopropylamino)phenol
Molecular weight:	302.35
Molecular formula:	C ₁₂ H ₁₈ N ₂ O ₅ S
Appearance:	Yellow or yellowish brown powder
Purity:	> 97%
Absorbance (Fe blank):	< 0.05 (756 nm)
Molar absorptivity:	> 44 000 (756 nm)
(Fe complex)	4 mg/10 ml water
Solubility:	2 – 8 °C.
Storage:	Protect from light. Keep tightly closed.
Stability:	At least one year at 2 – 8 °C.



Metal complex	Co(II)	Cu(II)	Fe(II)	Ni(II)
λ max	490 nm	429 nm	756 nm	394 nm
Molar Absorptivity	40,000	28,000	45,000	26,000

CONTACTS

See us on the web at:

<http://www.sorachim.com>

Or send us an e-mail at:

contact@sorachim.com

APPLICATIONS

This reagent is suitable for the direct determination of blood serum levels of Fe, Co, Ni and Cu