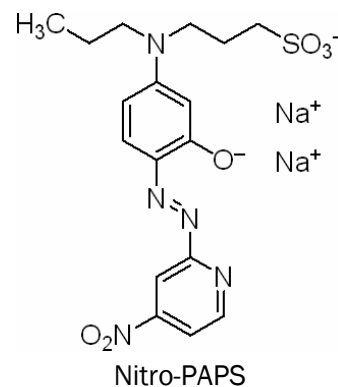


CHROMOGENS

NITRO PAPS – NNP-251C

SPECIFICATIONS

CAS	143205-66-7
Name	2-(5-Nitro-2-pyridylazo)-5-(N-propyl-3-sulfopropylamino) phenol disodium salt , dihydrate
Molecular weight:	503.45
Molecular formula:	C ₁₇ H ₁₉ N ₅ Na ₂ O ₆ S x 2H ₂ O
Appearance:	Dark green or dark green brown powder
Purity:	> 90%
Molar absorptivity:	> 50 000 (450 nm)
Absorbance: (9.9 x 10 ⁻⁶ M in buffer)	< 0.06 (566 nm)
Water content:	< 10%
Solubility:	5 mg/10 ml water
Storage:	2 – 8 °C. Keep tightly closed. Protect from metal.
Stability:	At least one year at 2 – 8 °C.



Metal complex	Co(II)	Cu(II)	Fe(II)	Ni(II)	Zn(V)
λ max	590 nm	566 nm	582 nm	568 nm	566 nm
Molar Absorptivity	113,000	71,000	107,000	150,000	150,000

CONTACTS

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<http://www.sorachim.com>

Or send us an e-mail at:

contact@sorachim.com

APPLICATIONS

This compound is used for the direct determination of serum iron or other metals.