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## Product Datasheet

### Nitro-PAPS, CAS [[143205-66-7anhydrous]] DOJ-N031-10

|                            |                                                                                                                                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Nitro-PAPS, CAS [[143205-66-7anhydrous]]                                                                                                                                                                                                                                                 |
| Biozol Catalog Number      | DOJ-N031-10                                                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | N031-10                                                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | DOJ-N031-10                                                                                                                                                                                                                                                                              |
| Manufacturer               | Dojindo                                                                                                                                                                                                                                                                                  |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                           |
| Product Description        | Nitro-PAPS is a highly sensitive colorimetric reagent for Fe(II) detection that forms a water-soluble complex at pH 3.0-8.0 ( $\lambda_{\text{max}}=582 \text{ nm}$ , $\lambda=107,000$ ). This reagent is suitable for the determination of Fe(II) in serum and can also be used to ... |
| Molecular Weight           | 503.45                                                                                                                                                                                                                                                                                   |
| CAS Number                 | [143205-66-7anhydrous]                                                                                                                                                                                                                                                                   |
| Formula                    | C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>6</sub> S <sub>2</sub> H <sub>2</sub> O                                                                                                                                                                            |