



## Specification

### SPADNS ACS

**Catalog Number:** SD1012  
**CAS Number:** 23647-14-5  
**Synonym(s):** 4,5-Dihydroxy-3-(4-Sulfophenylazo)-2,7-naphthalenedisulfonic Acid trisodium salt; SPADNS; p-Sulfophenylazochromotropic Acid trisodium salt  
**Molecular Formula:** C<sub>16</sub>H<sub>9</sub>N<sub>2</sub>Na<sub>3</sub>O<sub>11</sub>S<sub>3</sub>  
**Molecular Weight:** 570.42

| Test                     | Specification        |
|--------------------------|----------------------|
| Appearance:              | Red to brown powder  |
| Clarity of Solution:     | To pass test         |
| Lambda Max:              | 507 (307)nm in water |
| Sensitivity to fluoride: | To pass test         |

Approved:

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