



LKT Laboratories, Inc.

## 4-Aminosalicylic Sodium Dihydrate

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

Web: [lktlabs.com](http://lktlabs.com)

### Product Information

**Product ID** A5034

**CAS No.** 6018-19-5

**Chemical Name** 4-Amino-2-hydroxybenzoic acid sodium salt dihydrate

**Synonym** Aminacyl, Nemasol Sodium, Pamisyl Sodium, Pasalon

**Formula**  $C_7H_6NNaO_3 \cdot 2H_2O$

**Formula Wt.** 211.15

**Melting Point** 250-254°C

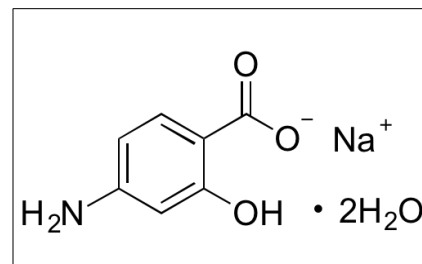
**Purity** ≥98%

**Solubility** Soluble in water (500 mg/mL).  
Sparingly soluble in acetone.  
Practically insoluble in ether,  
chloroform and benzene.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** 4-Aminosalicylic acid exhibits anti-inflammatory, antioxidative, and antibacterial activities; it is clinically used to treat inflammatory bowel disease (IBD), Crohn's disease, and colitis, as it acts primarily in the colon. 4-Aminosalicylic acid is used against *Mycobacterium* as a treatment for tuberculosis; it inhibits dihydrofolate reductase (DHFR) activity as an antimetabolite.



**Bulk quantities available upon request**

Product ID	Size
A5034	5 g
A5034	25 g
A5034	100 g
A5034	500 g

**References** Dhaneshwar SS. Colon-specific prodrugs of 4-aminosalicylic acid for inflammatory bowel disease. *World J Gastroenterol.* 2014 Apr 7;20(13):3564-71. PMID: 24707139.

Jensen KA, Rosdahl KG, Ingvorsen H. Tuberculostatic derivatives of rho-aminobenzoic acid; esters and amides of 4-aminosalicylic acid. *Acta Chem Scand.* 1948;2(3):220-4. PMID: 18098531.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.