PRODUCT SPECIFICATIONS

**Amphetamine Sulfate USP**

**ITEM CODE**: 4942

![Chemical Structure](image)

**CAS REGISTRY NO.**
60-13-9

**FORMULA**
\( (C_{9}H_{13}N)_{2} \cdot H_{2}SO_{4} \)

**MOLECULAR WEIGHT**
368.49

**APPEARANCE**
White to off-white solid

**IDENTIFICATION**
(A) IR: Matches reference standard (USP)
(B) Major Peaks: Matches reference standard
(C) Sulfate: Meets USP requirements (USP)

**LOSS ON DRYING (USP)**
1.0% Max

**DEXTROAMPHETAMINE (USP)**
Optically inactive

**RESIDUE ON IGNITION (USP)**
0.2% Max

**pH (USP)**
5.0 – 6.0

**ASSAY (HPLC) (DRIED BASIS)**
98.0 – 102.0% w/w

**RELATED SUBSTANCES**
- Cathinone Sulfate: 0.15% w/w
- Benzaldehyde: 0.15% w/w
- 1-Phenyl-2-Propanol: 0.15% w/w
- Phenylacetone: 0.15% w/w
- Unknown rel. subs. (each): 0.10% w/w Max
- Total rel. subs.: 0.50% w/w Max

**NICKEL (as Ni) (ICP)**
50 ppm Max

**RESIDUAL SOLVENTS (GC)**
- Methanol: 3000 ppm Max
- Ethanol: 5000 ppm Max

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**AMPHETAMINE SULFATE**, Dextroamphetamine Saccharate, Dextroamphetamine Sulfate and Amphetamine Aspartate, in fixed combination, are indicated for the treatment of Attention Deficit/Hyperactivity Disorder (ADHD), most commonly diagnosed as a childhood disorder. This combination product is an integral part of a total treatment program, which typically includes other remedial measures (psychological, educational, social) for a stabilizing effect in children with behavioral syndrome characterized by moderate to severe distractibility, short attention span, hyperactivity, emotional liability and impulsivity.

Common Trade Name: **Adderall®**

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Effective 3/2014