

## DESCRIPTION OF RITALIN

### **Methylphenidate Hydrochloride Tablets, USP** **Methylphenidate Hydrochloride Extended-release Tablets, USP**

Methylphenidate [hydrochloride](#) is a mild [central nervous system](#) (CNS) stimulant. Methylphenidate [hydrochloride](#) is available as 5, 10, and 20 mg tablets for [oral](#) administration. A 20 mg extended-release [tablet](#) for oral [administration](#) is also available. Methylphenidate [hydrochloride](#) is methyl a-phenyl-2-piperi-dineacetate hydrochloride.

Methylphenidate [hydrochloride](#) is a white, odorless, fine crystalline powder. Its solutions are [acid](#) to litmus. It is freely [soluble](#) in water and in methanol, [soluble](#) in [alcohol](#), and slightly [soluble](#) in chloroform and in acetone. Its molecular [weight](#) is 269.77.

**Inactive Ingredients:** Methylphenidate [hydrochloride](#) tablets; lactose, [magnesium](#) stearate, [microcrystalline cellulose](#), [sodium](#) starch glycolate; 5 mg contains D&C Yellow #10; 10 mg contains FD&C Green #3, and 20 mg contains FD&C Yellow #6.

**Methylphenidate [hydrochloride](#) extended-release tablets:** cetyl alcohol, ethylcellulose, [lactose](#) and [magnesium](#) stearate