

# Product Specification

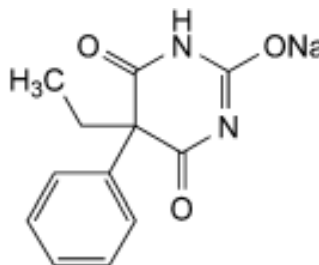
**CONTROLLED SUBSTANCE (Narcotic Schedule 3 Cl. B)**

## PRODUCT Phenobarbital Sodium EP/BP

CAS no. [57-30-7]

C<sub>12</sub>H<sub>11</sub>N<sub>2</sub>NaO<sub>3</sub>

SYNONYMS Phenobarbitone Sodium



CHARACTERISTICS A white or almost white, crystalline powder, hygroscopic, freely soluble in carbon dioxide-free water (a small fraction may be insoluble), soluble in alcohol, practically insoluble in methylene chloride

TEST	SPECIFICATION
Content	99.0 per cent to 101.0 per cent (dried substance).
Identification	Complies with EP/BP tests
Appearance of solution	Solution S is clear and not more intensely coloured than reference solution Y7
pH	Not greater than 10.2 (5gm in 50ml solution)
Related substances	Total impurities Maximum 0.5%
Loss on drying	Maximum 7.0%

STORAGE Should be stored in an airtight container in a cool, dry place and protected from light.

**PRODUCT NAMED ABOVE COMPLIES WITH THE SPECIFICATION OF THE EP/BP.**

**PRECURSOR/NARCOTIC LICENSE NEEDED FOR THIS MATERIAL.**



Phenobarbital sodium EP/BP