

Chemical Characterization of *Poorana Chandirodayam*, a Siddha Drug

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Abstract

Poorana chandirodayam is an elixir of mercury and gold, and an alchemical drug widely used in Siddha Medicine. Three samples of the drug were prepared by kupi pudam process and another sample was procured from IMPCOPS, Chennai towards quantification of gold, mercury and sulphur in the finished sasthanic formulation. Three samples prepared were found to yield kajali of 256.78, 257.42 and 252.85 gm respectively, which yielded 92.45, 93.15, 91.61 gm of the drug, where the heating took place for 32.20, 32.40 and 31.50 hours. Process loss was found to be 27.84 %. It is a bright scarlet red coloured powder, soluble in Aqua regia. It contains 280 and 287 ppm of free mercury in our lab as well as in the other sample, but free from free sulphur. Content of gold, mercury and sulphur was found to be 9.78, 78.11 and 11.95 for the samples prepared and 8.76, 78.42 and 12.43 for the sample procured from IMPCOPS. The drug was found to be converted into an amalgamation process.

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