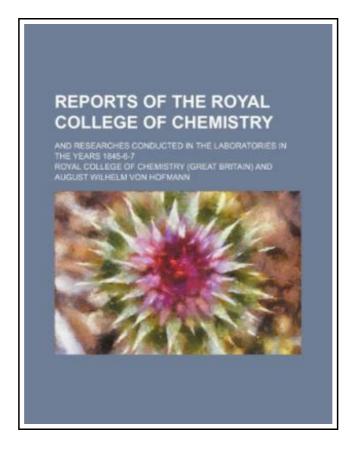
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## Reviews

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Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1849 edition. Excerpt: .This salt is only slightly soluble in cold water, and even less so in alcohol and ether. It contains equal equivalents of cyaniline and of the hydride of nitric acid. When burnt with oxide of copper, the following results were obtained: I. 0-3244 grm. of the salt gave: 0 5504 carbonic acid, and 0-1415 water. II. 0-5292 the salt gave: 0-9019, carbonic acid, and 0-2131 water, which numbers correspond to the per centage composition: Carbon 46-27 46-48 Hydrogen. 480 4-47 leading to the formula: Cy, C13 H7 N, H N06. as the following comparison with the theoretical numbers will show: 14 equivs. of Carbon. 8 - - Hydrogen. 3, Nitrogen. 6 - - Oxygen. 1 equiv. of Nitrate of Cyani-line Nitrate of cyaniline forms a fine double salt with nitrate of silver. Platinum compound of cyaniline.--A dilute solution of the hydrochlorate of cyaniline gives no precipitate with bichloride of platinum. On mixing, however, a boiling solution of the base in strong hydrochloric acid with a concentrated solution of bichloride of platinum, the double salt crystallizes on cooling, in beautiful orange-yellow needles, which become pure when washed with ether. In the following determinations, different preparations of the salt were employed: I. 0-3488 grm. of the platinum-salt, burnt with chromate of lead, gave: 0 3315 carbonic acid, and 0 0758 water. II. 0-3386 the platinum-salt gave: 0 3220, carbonic acid, and 0-0790 water. III. 0-4750 the salt being ignited left: 0-1436 platinum. IV. 0-1125 the salt left:...

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