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BISI 1642

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 HCl. In: *Tr. Vsesoyuzn. nauch. issled. inst. khim. i
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 Order form OTS or SLA \$1.10 61-25732

Trans. of Farmatsiya (USSR) 1960, no. 11, p. 16-19.

DESCRIPTORS: *Urea, Urea derivatives, *Glucosides,
 Synthesis, Diuretics.

The crystalline of urea can be easily obtained in water-
 alcohol medium in the presence of a small quantity of
 HCl. In this way well-formed crystals are obtained of
 a high degree of purity. The reaction can also be
 carried out in acidified 95% ethyl alcohol, however,
 in view of the poor solubility of glucose in alcohol this
 method has no advantages. (Author)

(Biological Sciences--Pharmacology, TT, v. 7, no. 7)

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1962, v. 6, no. 9, p. 372-375.

DESCRIPTORS: *Optical equipment, Light,
*Amplifiers, *Lasers, *Thermodynamics, Lumines-
cence, Quantum mechanics.

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Vol VII, No 5, 1963, pp 305-308.
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DESCRIPTORS: *Cellulose, Production, Infrared spectroscopy, Physical properties.

(Materials, TT, v. 7, no. 10)

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 p. 45-49.

DESCRIPTORS: *Optical phenomena, *Optical properties,
 Reflection, Light transmission, Absorption, Optics,
 Mathematical analysis.

A theoretical investigation is presented concerning the
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 pendence of the absorption coefficient on the intensity of
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zation of the vibrational lines of the crystals are de-
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2. Glass--Spectra
3. Raman spectra--Analysis
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late the vibrational spectra of silicate crystals and to
interpret the Raman and IR spectra of the silicate
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silicate and bi-silicate are qualitatively different. The
spectrum of glasses of the bi-silicate composition sug-
gest the existence in glass of the elements of layers
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cal composition equivalent to that of bi-silicate possess
the layers of SiO_4 tetrahedra.
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