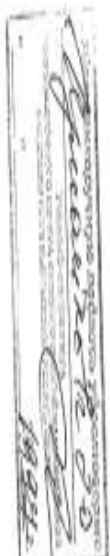


NATIONAL ACADEMY  
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INSTITUTE OF CHEMISTRY AND CHEMICAL TECHNOLOGY

ABSTRACT COLLECTION  
OF TRANSACTIONS

Bishkek "Ilim" 1997



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## ABSTRACT COLLECTION OF TRANSACTIONS

- Part 1.* Chemistry and Technology of a mineral,  
natural and secondary raw materials.  
Ecological problems.
- Part 2.* Inorganic substances. Coordination compounds.  
Their obtaining and properties.
- Part 3.* Natural raw materials. Physiologically active  
compounds.

Bishkek "Ilim" 1997



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UDC 547.913.5.615.12.07

ISOLATION OF ISOCALANTOLACTONE AND ITS ANTI-TUMOUR ACTIVITY

S.A.Lugovskaya, V.G.Yerdoshenko

Institute of Chemistry and Chemical Technology NAS KR, Bishkek  
Kyrgyz Institute of Scientific Research of Oncology and  
Radiology, Bishkek

A new method of extraction of the isocalantolactone from the herbal raw materials has been described.

Its anti-tumour activity for different kinds of tumours has been investigated.

UDC 616.606.001.5:615.277.3:547.455

PRODUCTION TECHNOLOGY AND ANALYTICAL CONTROL OF ADSEO PREPARATION

J.A.Dohananbaev, E.A.Dohananbaeva, V.A.Afanasjev,  
T.B.Katukov, Ch.Kaschibekova

Institute of Chemistry and Chemical Technology NAS KR, Bishkek

The liophilic drying has been worked out together with developing the spectrophotometric method of the quantitative control of ADSEO (a carbohydrate derivative of nitrosomethylurea).

UDC 547.458 + 644.392

STUDY OF AN ION-EXCHANGING ABILITY OF PLANT RAW MATERIALS

M.P.Shelukhina, L.G.Fedichkina, U.Karnisheva

Institute of Chemistry and Chemical Technology NAS KR, Bishkek

Pectin-containing ionexchanging materials on basis of sugar beet pulp can be made use to clean the technological solutions of sugar beet production. The degree of water softening attains up to 70%.