

## 令和4年度「日本薬局方の試験法等に関する研究」研究報告 生薬の鏡検に関する研究（第6報）\*5 —ソウジュツ—

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### Study of Microscopic Examination for Crude Drugs Part 6 \*5 —Atractylodes Lancea Rhizome—

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#### Summary

In the Japanese Pharmacopoeia (JP), microscopic examination of crude drugs is very important to decide whether or not they conform to the required specifications.

However, in the absence of visual information, such as schematic drawings or images for each crude drug, considerable experience is needed to observe and identify internal morphology by means of microscopic observation.

Therefore, the aims of this study were as follows: (1) to accumulate images of crude drugs for sections, (2) to investigate the images of Atractylodes Lancea Rhizome, including hybrids, and (3) to interpret the internal anatomical characteristics with the aid of these images in the context of the JP.

#### Key words

The Japanese Pharmacopoeia, Crude Drugs, Microscopic Examination, Identification, Tissue Sections, Internal Morphology, Atractylodes Lancea Rhizome