

These documents are the
copy of original report

Date: April 22, 2020

Signature: K. Musumi

Original: Therabiopharma

Statement of accurate translation

Study title: Repeated Dose 28-day Oral Toxicity Study of Curcumin
Formulation in Rats

Study number: 10444

This is to certify that this English document is a complete and accurate translation of the
Japanese report.

Translated by:

Kaori Musumi

Kaori Musumi

Shiga Laboratory, NISSEI BILIS Co., Ltd.

Date:

April 22, 2020

Repeated Dose 28-day Oral Toxicity Study of Curcumin Formulation in Rats

Summary

Curcumin formulation was orally administered to male and female rats (Slc:SD) for 28 days to assess its toxicity. The dose was 750 mg/kg/day (300 mg/kg/day as curcumin). A control group was also included and received water for injection in the same volume as that of the test article.

There were no dead or moribund animals during the administration period. In addition, no changes of toxicological significance were noted on any of the following examinations: clinical observation; body-weight measurement; urinalysis; hematology; blood biochemistry; and autopsy.

On the basis of these results, curcumin formulation was considered to have no toxic effect when orally administered to rats at 750 mg/kg/day for 28 days.