

**Duke University Library Conservation Lab
Treatment Documentation Form**

TREATMENT REPORT

Lab Number: #201516_133

Barcode:

Treatment Performed:

1. Removed tape with isopropyl alcohol, ethanol and acetone.
2. Applied a NAJ pre-toned Hidaka tengucho (7.3gsm) heat set lining to first leaf using tissue precoated with a Lascaux 498 and water mixture. Adhered fragments loosened from prior damage and from tape removal.
3. Treated first two leaves of pamphlet with calcium phytate treatment.
4. Sprayed leaves with ethanol.
5. Washed leaves in two (20-minute) deionized water baths.
6. Treated leaves in three (20-minute) calcium phytate baths (using 50% phytic acid). Tested with iron test strips until no Fe (II) ions were detected. Trace amounts of Fe(III) were still present.
7. Deposited alkaline reserve with one 30-minute calcium bicarbonate bath.
8. Let air dry most of the way.
9. Resized leaves with .5% gelatin size.
10. Mended pamphlet with wheat starch paste and acrylic-toned Korean tissue.
11. Encapsulated treated leaves in Mylar and housed in folder with pamphlet.

Treatment Time:

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Treated By:

Date: