

Certificate of Analysis
(Representative Sample Certificate)

Product Name: Horse Chestnut Extract
INCI Name: Aesculus hippocastanum (horse chestnut) seed extract.
CAS Number: 56-81-5, 7732-18-5, 8053-39-2, 122-99-6
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Specification	Range	Actual
Appearance	Light to pale yellow transparent liquid	Pass
Microbial Plate Count	Less than 100 organisms per gram	Pass
Odor	Characteristic	Pass
pH	4.0-6.5 at 25 C	4.7
Refractive Index	1.3920-1.5000 at 25 C	1.3975
Solubility	Soluble in any proportion in water	Pass
Specific Gravity	1.05-1.15 at 25 C	1.12

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

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