SWISS HERBAL INSTITUTE

Technical Data Sheet

Product Name:	**Lemon Balm Extract**	Batch Number:	**Varies**
Botanical Name:	***Melissa officinalis***	Manufacture Date:	**Varies**
Used part:	**Whole herb**	Expiry Date:	**Varies**

IDENTIFICATION		SPECIFICATION	RESULT
Assay (Rosmarinic acid)		10%	10.03 - 10.3%
Physical	Appearance	Brown yellow powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh	Complies
	Loss on drying	≤ 5%	3.18 - 3.85%
	Total ash	≤ 5%	2.03 - 3.09%
	Residue of Solvents	None	Complies
Chemical	Total Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 2 ppm	Complies
	Arsenic (As)	≤ 2 ppm	Complies
	Cadmium (Cd)	≤ 2 ppm	Complies
	Mercury (Hg)	≤ 0.5 - 1 ppm	Complies
Microbial	Total Plate Count	≤ 3000 - 10000cfu/g	Complies
	Yeast & Mold	≤ 300 - 1000 cfu/g	Complies
	E. Coli, Salmonella, Staphylococcus	Negative	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

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Swiss Herbal Institute LLC
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DELAWARE

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