

Certificate of Analysis

Product Name: Deoxy Arbutin Powder
INCI Name: Tetrahydropyranyloxy Phenol
CAS No.: 53936-56-4
Molecular Formula: $C_{11}H_{14}O_3$
Molecular Weight: 194.23 g/mol
Grade: Cosmetic Raw Material
Lot Number: BPCDAP102026
Expiry Date: October 2029

Test Item	Specification	Result
Appearance	Off-white powder	Conforms
Assay	$\geq 99.0\%$	Conforms*
Melting Point	85.0–90.0°C	Conforms
Clarity of Alcohol Solution	Transparent, colorless, no suspended matter	Conforms
Arsenic (As)	≤ 2 ppm	Conforms
Heavy Metals	≤ 10 ppm	Conforms
Loss on Drying	$\leq 0.5\%$	Conforms
Residue on Ignition	$\leq 0.5\%$	Conforms
Total Bacterial Count	≤ 300 CFU/g	Conforms
Yeast & Mold / Fungus	≤ 100 CFU/g	Conforms

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada
Email: info@botanicplanet.ca www.botanicplanet.ca