



### Certificate of Analysis

Product Name:	Rosemary extract	Batch Number:	HJ20220325R3A2
Botanical Source:	Rosmarinus officinalis L	Manufacture Date:	03.25.2022
Part used:	Leaf	Analysis Date:	03.25.2022
Quantity:	1000Kgs	Expire Date:	03.24.2022

ITEM	STANDARD	TEST RESULT	TEST METHOD
Assay	Ursolic acid $\geq 50\%$	50.10%	Ch.P.C.Rule 23-HPLC
Physical & Chemical			
Appearance	Light Brown yellow powder	Complies	Visual
Odour	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Particle Size	100% pass80 mesh	Complies	CP2015
Loss on Drying	$\leq 5.0\%$	3.32%	105°C/2h
Ash	$\leq 5.0\%$	2.59%	550°C/6 h
Extraction Solvent	Water	Complies	-----
Heavy Metal			
As	$\leq 2.0\text{ppm}$	Complies	AAS
Pb	$\leq 2.0\text{ppm}$	Complies	AAS
Cd	$\leq 1.0\text{ppm}$	Complies	AAS
Hg	$\leq 0.1\text{ppm}$	Complies	AAS
Microbiological Test			
Total Plate Count	$\leq 5,000\text{cfu/g}$	350 cfu/g	AOAC
Yeast & Mold	$\leq 100\text{cfu/g}$	70 cfu/g	AOAC
E.Coli	Negative	Complies	AOAC
Salmonella	Negative	Complies	AOAC
Staphylococcus aureus	Negative	Complies	AOAC
Conclusion	Conforms with specification		
Storage	Stored in cool and dry places. Keep away from strong light and heat		
Packing	By 25kgs/ Drum, inner by plastic bag		
Shelf Life	24 months under the above condition, and in it's original package		