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CERTIFICATE OF ANALYSIS

Product Name: Alpha-Arbutin
Batch No.: DW2020020205
Manufacture Date: Contact us
for current info

Quantity: 200kgs
Expiry Date: 24 months
after purchase

ITEMS	STANDARDS	RESULTS
Assay	$\geq 99.5\%$	99.9%
Appearance	White powder or crystals	Complies
Water solution	Transparency, colorless, none suspended matetrs	Complies
Melting point	$202 \sim 206 \pm 0.5^{\circ}\text{C}$	$199.2 \sim 200.8^{\circ}\text{C}$
Optical rotation	$+174 \sim 186^{\circ}$	181.3°
pH	5.0~7.0	5.6
Loss on drying	$\leq 0.5\%$	0.12%
Lgnition residue	$\leq 0.5\%$	0.06%
Heavy Metal	$\leq 20\text{ppm}$	Complies
Arsenic (As)	$\leq 2\text{ppm}$	Complies
Microbiology		
Total of bacteria	$\leq 10,00\text{cfu/g}$	Complies
Fungus	$\leq 100\text{cfu/g}$	Complies
Salmonella	Negative	Complies
E. Coli	Negative	Complies
Conclusion: the test results conform to enterprise standards		

Storage : *In cool & dry place. Keep away from strong light and heat.*
Shelf life : *2 Years when properly stored.*

This report is not to be signed.
All data are as per our supplier.