

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Hydroquinone		
<b>CAS No.</b>	123-31-9		
<b>Batch Number</b>	20241229	<b>Manufacture Date</b>	20241229
<b>Report Date</b>	20241229	<b>Expiry Date</b>	20261228

Item of Analysis	Specification	Results	Test Methods
Assay	99%	99.2%	HPLC
<b>Organoleptic</b>			
Appearance	Powder	Conforms	Organoleptic
Color	White acicular crystal or crystal powder	Conforms	Organoleptic
<b>Physical Characteristics</b>			
Loss on drying	1%NMT (%)	0.04%	USP<731>
Total ash	1%NMT (%)	0.08%	USP<561>
Melting point	171~175°C	171.0~173.0°C	CP2010IA
Iron (Fe)	≤0.002%	0.0018%	NLS-QCS-1007
<b>Heavy metals</b>			
Heavy metals (as Pb)	≤0.002%	≤0.002%	USP<231>method II
Residue after ignition	≤0.100%	0.087%	ICP-MS
<b>Microbiological Tests</b>			
Total Plate Count	1000cfu/g Max	450cfu/g	USP<61>
Yeast & Mold	100cfu/g Max	10cfu/g	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

