



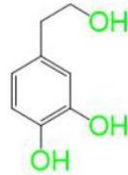
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Certificate of Analysis

Product Name:	Hydroxytyrosol	Structure: 
CAS:	10597-60-1	
Quantity:	100Kg	
Batch No.	20200305003	
Manufacture Date:	05-03-2020	
Expiration Date:	05-03-2022	

Items	Specifications	Results
Appearance	White crystalline powder	Confirmed
Hydroxytyrosol Purity (HPLC)	≥98%	99.11%
Hydroxytyrosol Assay (HPLC, external standard method)	≥20%	Confirmed
Carrier: Microcrystalline cellulose Assay	≤80%	Confirmed
Solubility	insoluble in water	Confirmed
Moisture (Moisture instrument)	≤8.00%	6.95%
Residue on ignition(500°C,30min)	≤3%	1.35%
Pesticides residue	Negative	Confirmed
Heavy metals PPM	≤10ppm	Confirmed
Arsenic	≤2ppm	Confirmed
Lead	≤2ppm	Confirmed
Total aerobic count (CFU/g)	≤1000	Confirmed
Yeasts & Molds (CFU/g)	≤100	Confirmed
Salmonella SP.	Negative	Confirmed
E. Coli (CFU/g)	<10	Confirmed
Staphylococcus	Negative	Confirmed

Conclusion: confirmed, No contained Silicon dioxide.

Usage note: Used in low temperature and dry environment

Storage: Keep in N2, long term storage at cool or 2-8°C, avoiding light, sealed, and dry condition

Inspector by: Zhonghua Yang
Date: 05-03-2020

Approved: Jiali Song
Date: 05-03-2020

