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## CERTIFICATE OF ANALYSIS

### Collagen (Original Bovine)

Lot Number: BCG-220101    Manufacture Date: 2022/01/16    Expiry Date: 2024/01/15

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
<b>Physical&amp;Chemical Data</b>			
Color	White or Light Yellow	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
<b>Analytical Quality</b>			
Identification	Identical to R.S. sample	HPTLC	Identical
Protein	≥90.0%	Kjeldahl	93.64%
Loss on Drying	≤7.0%	Eur.Ph.7.0 [2.8.17]	3.92%
Total Ash	≤2.0%	Eur.Ph.7.0 [2.4.16]	0.19%
PH	4.0-7.0		5.9
<b>Contaminants</b>			
Lead (Pb)	≤1.0 mg/kg	Eur.Ph <2.2.58>ICP-MS	Conform
Arsenic (As)	≤1.0mg/kg	Eur.Ph <2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤0.1 mg/kg	Eur.Ph <2.2.58>ICP-MS	Conform
Mercury (Hg)	≤0.1mg/kg	Eur.Ph <2.2.58>ICP-MS	Conform
<b>Microbiological</b>			
Total Plate Count	≤1000cfu/g	USP34 <61>	Conform
Yeast & Mold	≤100cfu/g	USP34 <61>	Conform
E.coil	Negative	USP34 <62>	Conform
Salmonella	Negative	USP34 <62>	Conform
Staphylococcus aureus	Negative	USP34 <62>	Conform
<b>General Status</b>			
<b>Packing&amp;Storage</b>	Packed in bags and plastic-bag inside. N.W:20kgs.		
<b>Shelf life</b>	Store in a well-closed container Away from moisture, light, oxygen.		
<b>Remarks</b>	24months under the conditions above and in its original packaging. Non-Irradiated, Non-GMO, Non-Allergen		

Analytical Laboratory Manager:

Date: 2022.01.23



王海