



**LEMBAGA GETAH MALAYSIA**  
**MALAYSIAN RUBBER BOARD**  
**RUBBER RESEARCH INSTITUTE OF MALAYSIA**



**Unit Pencirian Bahan**  
260 Jalan Ampang, 50450 Kuala Lumpur.  
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MS ISO/IEC 17025  
TESTING  
SAMM NO.069

Our report no. : LGM/BTK/UPB/5.10/CP/1504/0204

Your reference :

ECO Medi Glove Sdn. Bhd  
Cheong Kin Fu  
Lot 23836, Jalan Tembaga Kuning  
Kamunting Raya Industrial Estate  
34600 Taiping Perak

Fax No. :05-891 2999

**ANALYTICAL RESULT**

We have received one sample from you under covering letter dated 6/04/2015 . The sample was analyzed as per your request. The results are reported below.

Sample Description : Powder Free Finger Texture Nitrile Exam Glove Lot No 15A6YPF3.4NC-FTCFM032711 D2-EE

Date Received : 08/04/2015 Size : Medium

No.	Chemical Test	Results	Test Method	Date Tested
1	Butylated Hydroxyanisole (BHA) (ug/g)	ND	UPB In House*	24/4/15
2	Butylated hydroxytoluene (BHT) (ug/g)	ND	UPB In House*	24/4/15
3	Diphenyl Thiourea (DPT) (ug/g)	ND	UPB In House*	24/4/15
4	Mercaptobenzothiazole (MBT) (ug/g)	ND	UPB/P/003a	24/4/15
5	Tetramethylthiuram disulphide (TMTD) (ug/g)	ND	UPB In House*	24/4/15
6	Zinc dibutyldithiocarbamate (ZDBC) (ug/g)	ND	UPB/P/003a	24/4/15
7	Zinc diethyldithiocarbamate (ZDEC) (ug/g)	ND	UPB/P/003a	24/4/15
8	Zinc dimethyldithiocarbamate (ZDMC) (ug/g)	ND	UPB In House*	24/4/15
9	Zinc mercaptobenzimidazole (ZMBI) (ug/g)	ND	UPB In House*	24/4/15
10	Zinc Mercaptobenzothiazole (ZMBT) (ug/g)	ND	UPB In House*	24/4/15
11	Zinc pentamethylenedithiocarbamate(ZPMC) (ug/g)	ND	UPB/P/003a	24/4/15

5 grams of the sample was extracted in 100ml boiling deionized water for one hour. The water extract was then gone through liquid-liquid extraction by using methylene chloride. The extracted chemicals were individually determined via HPLC by comparing them to authentic reference material. The limits of detection are 2 µg/g for ZDEC and 10 µg/g for TMTD, MBT, ZDMC, ZPMC, ZDBC, ZMBI, ZMBT, BHT, BHA and DPT. Chemical determined as ND is either not present or the concentration is below the detectable limit.

**Note**

\*- SAMM Accreditation being sought

31



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**"BERKHIDMAT UNTUK NEGARA"**

Dr Rosmahani Che Isa  
(IKM NO : A3199/6002/11)  
Research Officer  
Malaysian Rubber Board  
For Director-General

Date of reporting

24 April 2015