

ALS TECHNICHEM (M) SDN BHD

(117964-P)

9, Jalan Astaka U8/84, Seksyen U8, Bukit Jelutong, 40150 Shah Alam, Selangor.

Tel: (603) 7845 8257 Fax: (603) 7845 8258 E-mail: info@alsmalaysia.com

**ALS Technichem**

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CERTIFICATE OF ANALYSIS

DATE : 14 July 2008

OUR REF : ATHQ/35010MB/2008

COMPANY : SOMA MEDICAL SDN BHD
No. 2-4-2, 4th Floor,
Menara KLH Business Centre,
2nd Mile Off Jalan Ipoh,
51200 Kuala Lumpur.
Tel: 03-2381 0553/0581 Fax: 03-2381 0351
(Attn.: Mr. Leonard)

DATE SAMPLE RECEIVED : 4 July 2008

SAMPLE DESCRIPTION : One sample

PRODUCT NAME : TIO2

MICROBIAL CHALLENGE TEST

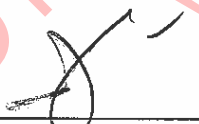
Day Organism	Inoculum Count (cfu/ml)	Count Recovered (cfu/ml)	% Reduction
<i>Staphylococcus aureus</i> ATCC 6583	4.5×10^6	2.0×10^4	99.56
<i>Pseudomonas aeruginosa</i> ATCC 9027	6.2×10^6	3.0×10^4	99.52
<i>Escherichia coli</i> ATCC 8739	7.3×10^6	3.7×10^4	99.49
<i>Candida albicans</i> ATCC 10231	4.5×10^5	3.9×10^3	99.13
<i>Aspergillus niger</i> ATCC 16404	3.7×10^5	3.3×10^3	99.11
Method References	USP <51>		

Remark: 1.0 ml inoculum from 10^6 was injected in 100ml sample

Contact time: 1 Hour

Calculation for % reduction: $\frac{\text{Inoculum Count} - \text{Count Recovered}}{\text{Inoculum Count}} \times 100$

USP: United State Pharmacopoeia


Azlina Basir
B.Tech (Hons), Food Technology
Senior Microbiologist

BRANCH & COLLECTION CENTRE:

(JB): No.19, Jalan Kencana Mas 1/1,
Tebrau Business Park, Taman Daya,
81100 Johor Bahru, Johor
Tel: (607) - 354 9604
Fax: (607) - 354 9554

(SWK): No.6, Jalan Setia Jaya,
Stutong Indah Business Avenue,
Lot 10506, 93350 Kuching, Sarawak.
Tel: (6082) - 366 030
Fax: (6082) - 366 025

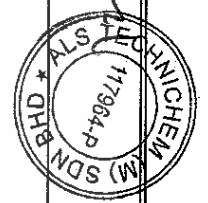
Laboratory Testing & Industrial Consultancy**409670**



CHAIN OF CUSTODY RECORD

ALS TECHNICHEM (M) SDN BHD
 No. 9, Jalan Astaka U8/84,
 Seksyen U8, Bukit Jelutong,
 40150 Shah Alam, Selangor.
 Tel:603-78458257 Fax:603-78458258

COMPANY: SOMA MEDICAL SDN. BHD.			PROJECT:		
POSTAL ADDRESS:			PURCHASE ORDER NO.:		
PHONE:03-7787 3888			FOR LAB USE ONLY		
FAX: 03-7782 6085			LAB BATCH NO.:		
SEND REPORT TO: MR. LEONARD			NO OF SAMPLES:		
SEND INVOICE TO:MR. LEONARD			ANALYSIS REQUIRED		
SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE NO.	REMARKS
T102				E COLI X YEAST & MOULD X STAPH AUREUS X P AERUGINOSA X	350/0 CHALLENGE TEST 1 HOUR CONTACT TIME
Shipped Via:			Consignment No.:		
Relinquished by:		Date:	Received by: Chong		Date: 04/07
Print Name		Time:	Print Name		Time:
Relinquished by:		Date:	Received by:		Date:
Print Name		Time:	Print Name		Time:
Received by Lab:		Date: 4/15/08	Container Type & Preservatives Codes: P=Plastic; G=Glass; V=Vial; J=Jar; HN=Nitric acid preserved; HC=Hydrochloric acid preserved;		
Print Name		Time:	HS=Sulfuric acid preserved; ST=Sterile bottle; B=Sodium hydroxide preserved; Z=Zinc acetate preserved; E=EDTA preserved.		



WF-QD/003 Rev 0