



E006: Temperature monitoring devices



Product name:	Freeze-tag
IMD-PQS Code:	E006-007
Status:	Prequalified
Date of acceptance:	27 May 2008
Appliance type:	E006
Product description:	Electronic freeze indicator
Manufacturer:	Berlinger & Co. AG
Manufacturers Reference:	Freeze-tag
Country of Manufacture:	Malaysia
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com
Website address:	http://www.berlinger.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Sensor type(s)	Electronic
Maximum sensor lead length (metres)	0.00	Maximum number of sensor channels	0.00
External dimensions height (mm)	1.50	External dimensions length (mm)	50.00
External dimensions width (mm)	31.00	Activation mechanism	Always active
Material	ABS	Fixing mechanism	None
CE marking	Yes	Minimum working temperature (°C)	-20.00
Maximum working temperature (°C)	50.00		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	Lithium coin cell	Battery shelf life (year)	60 months from manufacture date
Activated battery life	Device always active	Alarm type	Visual
Programmability	Factory Programmed	User interface	LCD screen
Display medium	LCD	Recording medium	Electronic
Ingress protection rating IP	67		

Comments	Freeze-Tag is an irreversible temperature indicator that shows if a product, such as vaccine has been exposed to freezing temperatures. It consists of an electronic temperature measuring circuit with associated LCD-display. If the indicator is exposed to a temperature below -0.5°C ±0.5°C for more then 60min ± 3min the display will change from the ? "OK" status symbol (?) into the "ALARM" status symbol (x). . A small blinking dot in the right hand corner of the LCD display indicates that the device is functioning. Discounts apply for large orders
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PRICE AND SHIPPING

Shipping volume (m3)	0.031	Weight per Package (Kg)	0.0140
Units per package	500.00	Weight per Unit (Kg)	7.5000
Minimum order	500.00	Incoterms	EXW
Price 1	8.90 USD per unit	Year of base price	2022

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
Specification Reference	Applicable PQS specification: E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1		
VERIFICATION			
Verification Laboratory	METAS	Address	Lindenweg 50 CH-3003 Bern- WabernSwitzerland
Email	anton.steiner@metas.ch	Verification Report Reference	151-04141
PRODUCT SITES			
Organization name	Berlinger & Co. AG		
Address	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland		
Current PQS status:	Prequalified	Valid until:	31 May 2026

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.