

# Lithium Cell / Battery Test Summary

In Accordance with UN Manual of Tests and Criteria (T&C),  
Subsection 38.3



	<b>Cell / Battery</b>	<b>Product</b>
Name	CR1/3N	V28PXL
Type	Lithium metal cell	Lithium metal cell
Physical description	Primary lithium metal cell	Primary lithium metal cell

## Manufacturer

Name	VARTA Consumer Batteries GmbH & Co. KGaA
Address	Alfred-Krupp-Str 9 73479 Ellwangen, Germany
Phone	+49 (0) 7961 830
Email	info@varta-household.com
Website	<a href="https://www.varta-consumer.com">https://www.varta-consumer.com</a>

## Part I: Cell / Battery

### Test laboratory

Name	Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
Address	No. 345 East Yunling Road, Shanghai, 200062, China
Phone	+86 (0) 21 317 65 555
Email	znh@ghs.cn
Website	<a href="http://www.ghs.cn">www.ghs.cn</a>

Model number	Mass [g]	Li metal content [g]	Edition of the Manual T&C used	Test report number	Test report date
6131	3,0	0,06	ST/SG/AC.10/11/Rev.5	1112120050	28.01.2013

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed

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## Part II: Overall product

### Test laboratory

Name VARTA Microbattery GmbH  
Address Daimlerstraße 1, 73479 Ellwangen, Germany  
Phone +49 (0) 7961 9210  
Email info@varta-microbattery.com  
Website www.varta-microbattery.com

Model number	Mass [g]	Li metal content [g]	Edition of the Manual T&C used	Test report number	Test report date
6231	8,8	0,12	ST/SG/AC.10/11/Rev.5 /Amend.1	2016-09-27-01	27.09.2016

Test	Result	Test	Result
T1 – Altitude simulation	Passed	T5 – External Short Circuit	Passed
T2 – Thermal Test	Passed	T6 – Impact / Crush	Passed
T3 – Vibration	Passed	T7 – Overcharge	N/A
T4 – Shock	Passed	T8 – Forced Discharge	Passed



Company stamp  
VARTA Consumer Batteries GmbH & Co. KGaA  
Alfred-Krupp-Str. 9, 73479 Ellwangen, Germany  
Postfach (P.O. Box) 1000, 73479 Ellwangen, Germany

Signature

(Uwe Knödler, Manager Quality & PDSG)