Test Report No. : 721621140 Report Date: 27 July 2015



SUBJECT

**Chemical Test** 

**TEST LOCATION** 

**TÜV SÜD China** 

TÜV SÜD Products Testing (Shanghai) Co., Ltd. B-3/4, No.1999 Du Hui Road, Minhang District

Shanghai 201108, P.R. China

**CLIENT NAME** 

HiLIQ CO., Limited

**CLIENT ADDRESS** 

Rm. 19C, Lockhart Ctr., 301-307 Lockhart Rd., Wan Chai, Hong Kong

TEST PERIOD

15-Jul-2015~23-Jul-2015

**TEST REQUEST** 

Identification(UV), Specific rotation, Water(KF), Heavy metal, Assay - with reference to USP 36 Nicotine

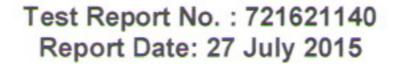
Prepared By

**Authorized By** 

(Zhu Yichen) Customer Service

(Spark Shi) Technical Manager

Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested.(3) The test report shall not be reproduced except in full without the written approval of the laboratory.(4) Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.





## ORIGINAL

#### RECEIPT DATE /TEST DATE

15-Jul-2015/15-Jul-2015

# THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name:

Pure Nicotine

Sample Specification:

CAS#54-11-5

Batch No./Date:

20150713

Manufacturer:

/

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721621140	Sample in the plastic bag	721621140

### TEST METHOD(S)

Identification, Specific rotation, Water, Heavy metal, Assay - with reference to USP 36 Nicotine

### TEST RESULT(S)

Test Item(s)	Test result(s)	Standard	Comments	
	Maxima wavelengths:259nm	Maxima wavelengths:259nm	The test solution and the standard	
Identification	Minima wavelengths:205nm Minima wavelengths:202nm		maxima and minima at the same	
	Amax/Amin=1.34	Amax/Amin=1.30	wavelengths and similar absorbance ratios.	
Specific rotation	-142°	-130 °to <sup>₹</sup> -143°	PASS	
Water*	0.3%	≤0.5%	PASS	
Heavy metal	<0.002%	≤0.002%	PASS	
Assay	99.8% (Calculated on the anhydrous basis)	99.0%-101.0% (Calculated on the anhydrous basis)	PASS	

Notes:

-END OF THE TEST REPORT-

Chemical/Microbiology Laboratory: TÜV SÜD Products Testing (Shanghai) Co., Ltd.

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<sup>\*</sup> denotes this test was carried out by external laboratory assessed as competent