



ORIGINAL

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


(Zhu Yichen)
Customer Service

Authorized By


(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	

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
Identification	Maxima wavelengths:259nm	Maxima wavelengths:259nm	The test solution and the standard solution exhibit maxima and minima at the same wavelengths and similar absorbance ratios.
	Minima wavelengths:205nm	Minima wavelengths:202nm	
	Amax/Amin=1.34	Amax/Amin=1.30	
Specific rotation	-142°	-130 °to ⁻ 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:

* denotes this test was carried out by external laboratory assessed as competent

-END OF THE TEST REPORT-

