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销售热线：400-820-3059

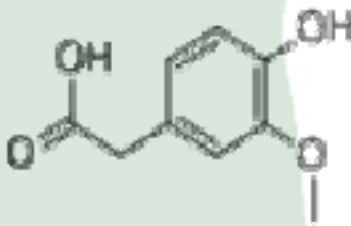
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

PRODUCT ID	E-1221	Structure 
PRODUCT	Homovanillic acid/高香草酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	14061621	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2014-06-16	
DATE OF REPORT	2014-06-16	

CHEMICAL NAME

4-Hydroxy-3-methoxyphenylacetic acid

OTHER NAME

Homovanillic acid 4-Hydroxy-3-methoxyphenylacetic acid; 4-hydroxy-3-methoxyphenyl acetic acid; (4-hydroxy-3-methoxyphenyl)acetate

CHEMICAL FORMULA

C₉H₉O₄

MOLECULAR WEIGHT(MW)

181.1659

CAS NUMBER

306-08-1

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK448—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK448—2007	NA	ND
Water	Q/TFFK448—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Homovanillic acid

Lot Number: 14061621

Detector: UV

Detect Time: 2014-06-16

Analyst: shuzhilin

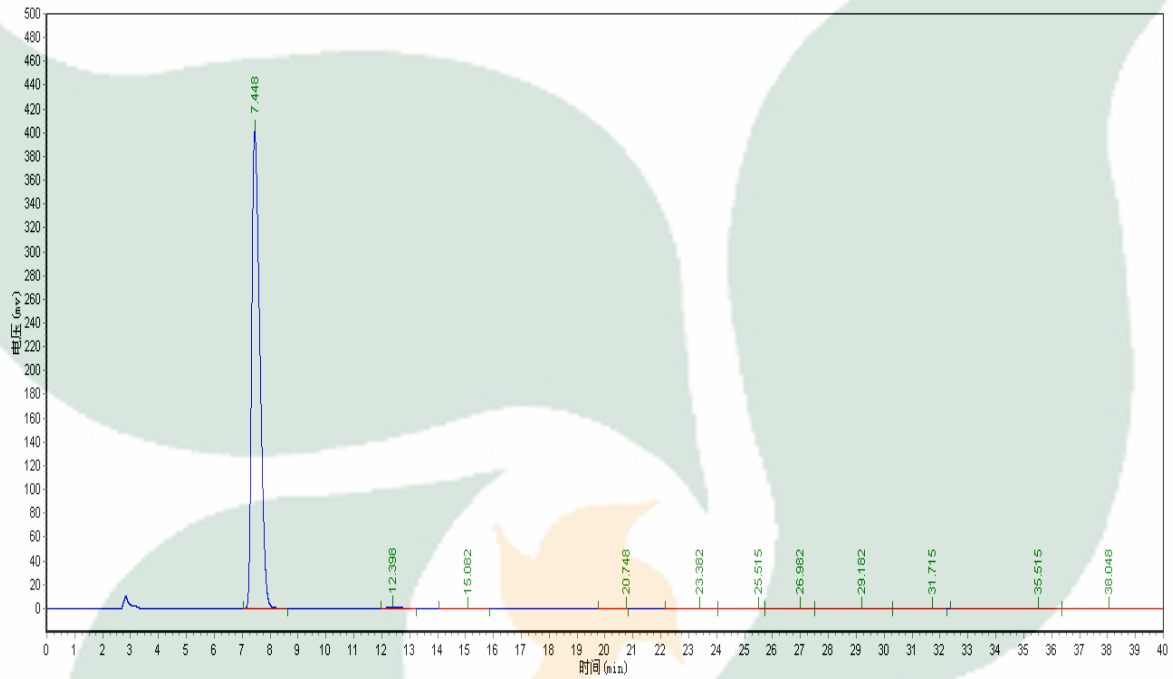
Chrom-Column: C18

Mobile Phase: ACN:0.1%H₃PO₄ (20:80)

Wavelength: 221nm

Inject Vol: 20ul

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.448	400726.469	8083324.500	99.0291
2	12.398	1447.834	37820.500	0.4633
3	15.082	327.550	12808.600	0.1569
4	20.748	8.438	331.500	0.0041
5	23.382	45.720	2665.886	0.0327
6	25.515	27.994	2124.515	0.0260
7	26.982	26.932	2108.898	0.0258
8	29.182	83.775	7550.218	0.0925
9	31.715	32.352	2735.182	0.0335
10	35.515	76.819	6165.885	0.0755
11	38.048	51.353	4941.213	0.0605