



同田生物
TAUTO BIOTECH

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PRODUCT ID	E-3120	Structure
PRODUCT	Catechol/儿茶酚	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18071021	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-10	
DATE OF REPORT	2018-07-10	

OTHER NAME	邻苯二酚;1,2-Benzenediol
CHEMICAL FORMULA	C ₆ H ₆ O ₂
MOLECULAR WEIGHT(MW)	110.11
CAS NUMBER	120-80-9
CHEMICAL FAMILY	Phenols

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK104—2007	NLT ≥98.0%	99.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK104—2007	NA	ND
Water	Q/TFFK104—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

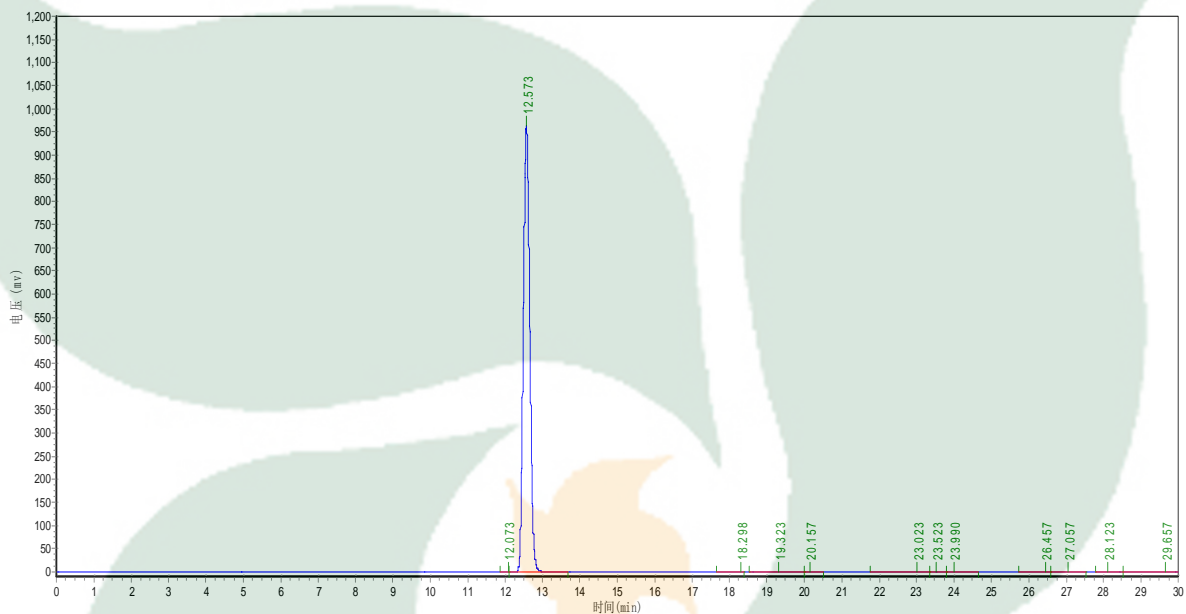
Analyst

Checker

Manager

Product Analysis Report

Product Name: Catechol **Chrom-Column:** C18
Lot Number: 18071021 **Mobile Phase:** MeOH:0.1%H3PO4=10%-20%
Detector: UV **Wavelength:** 278nm
Detect Time: 2018-07-10 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	12.073	229.639	1852.384	0.0158
2	12.573	963059.625	11584794.000	99.0620
3	18.298	306.293	7487.313	0.0640
4	19.323	1220.524	36456.586	0.3117
5	20.157	963.054	10915.801	0.0933
6	23.023	379.954	19846.496	0.1697
7	23.523	241.989	4968.491	0.0425
8	23.990	268.287	8402.513	0.0719
9	26.457	26.209	1035.270	0.0089
10	27.057	134.279	3660.228	0.0313
11	28.123	587.676	8546.441	0.0731
12	29.657	225.588	6520.858	0.0558