

# Material Safety Data Sheet

AGN2019-14171

## Product and Company Identification

**Product Name:**2-(1,3-benzodioxol-5-ylmethyl)butanedioic acid

**Company:**Angene International Limited

**Address:**4/F, Silvercord Centre Tower One

30 Canton Road, Tsim Sha Tsui

Kowloon, Hong Kong

**Tel:**+852 8191 6999

**Email:**contact@an-gene.com

## Product Information

**Synonyms:**2-(1,3-benzodioxol-5-ylmethyl)butanedioic acid

**CAS No:**57420-27-6

**Molecular Formula:**C<sub>12</sub>H<sub>12</sub>O<sub>6</sub>

**Molecular Weight:**252.22g/mol

**Date:**May 31, 2019

## Hazards Summarizing

### Emergency Overview

No known OSHA hazards

Not a dangerous substance according to GHS.

### Potential Health Effects

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Ingestion** May be harmful if swallowed.

### First Aid Measures

#### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

#### In case of skin contact

Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

### Accidental Release Measures

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

### Accidental Release Measures

#### Personal precautions

Avoid formation

#### Environmental precautions

Do not let product enter drains.

#### Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Handling and Storage

#### Handling

Provide appropriate exhaust ventilation at places where is formed. Normal measures for preventive fire protection.

#### Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### Exposure Controls / Personal Protections

#### Personal protective equipment

##### Respiratory protection

Where protection from nuisance levels of s are desired, use type N95 (US) or type P1 (EN 143) masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand protection

For prolonged or repeated contact use protective gloves.

**Eye protection**

Safety glasses.

**Hygiene measures**

General industrial hygiene practice.

**Physical Chemical Properties**

**Appearance**

White powder

**Safety data**

Melting point no data available

Boiling point 475.3°C at 760mmHg

Flash point 201.3°C

Ignition temperature no data available

**Stability and Reactivity**

**Storage stability**

Stable under recommended storage conditions.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.-Carbon oxides, Sodium oxides.

Other decomposition products-no data available.

**Toxicological Information**

**Acute toxicity**

Oral Rat

>11,500mg/kg LD50

**Irritation and corrosion**

no data available

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Ingestion** May be harmful if swallowed.

**Ecological Information**

**Elimination information (persistence and degradability)**

no data available

**Ecotoxicity effects**

no data available

**Further information on ecology**

no data available

**Disposal Considerations**

**Product**

Observe all federal, state, and local environmental regulations.

**Contaminated packaging**

Dispose of as unused product.

**Transport Information**

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods.

**IATA**

Not dangerous goods.

**Regulatory Information**

no data available.

**Other Information**

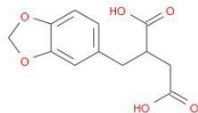
The information contained in this MSDS is believed to be correct to the best of our knowledge, but it does not purport to be all-inclusive and shall be used only as a guide. Angene International Limited shall not be held liable for any loss, injury, or damage resulting from handling or from contact with the above product; since conditions of usage are beyond our control. All risks of use are assumed by end-users.

**End of MSDS**

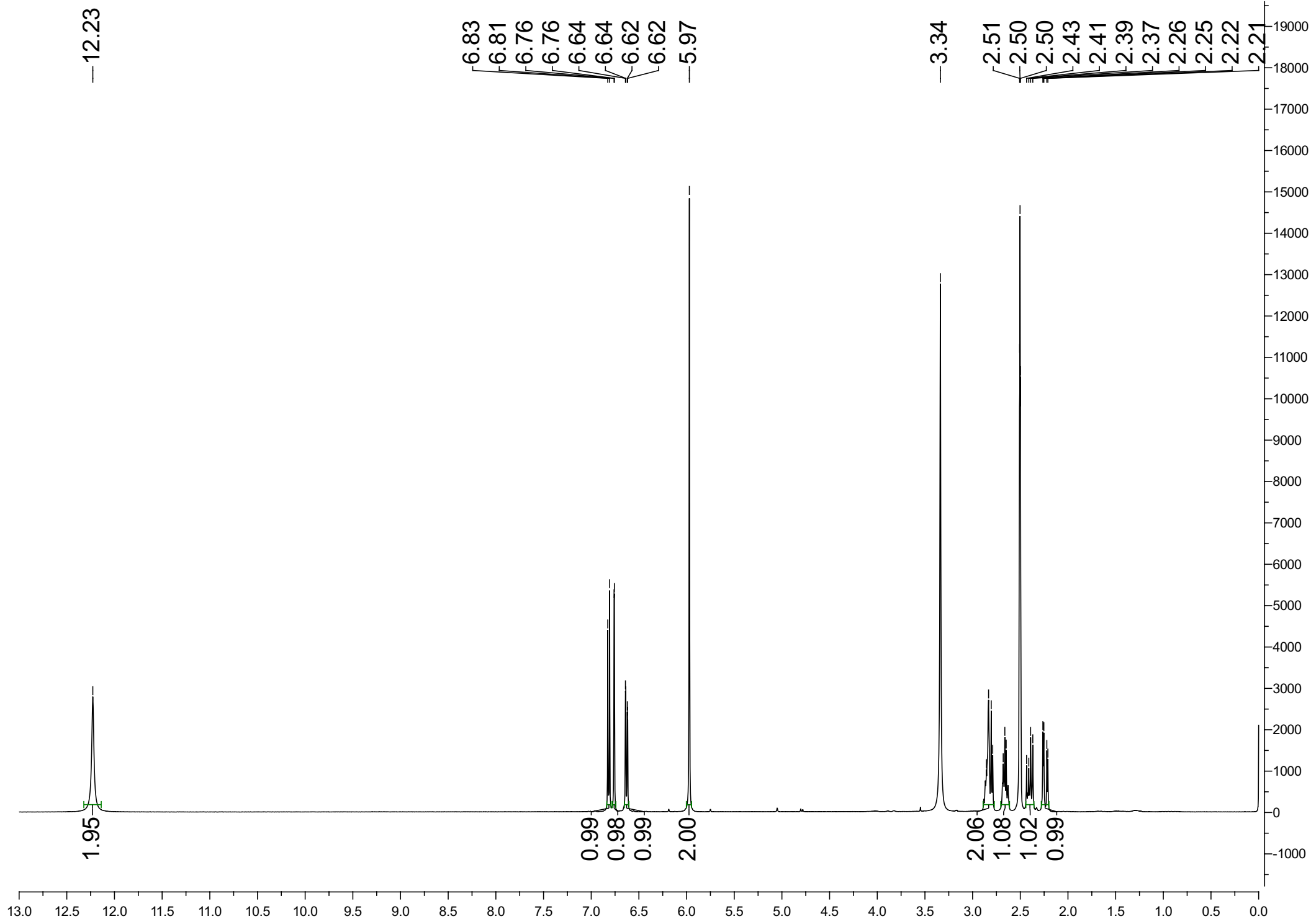
## Angene International Limited

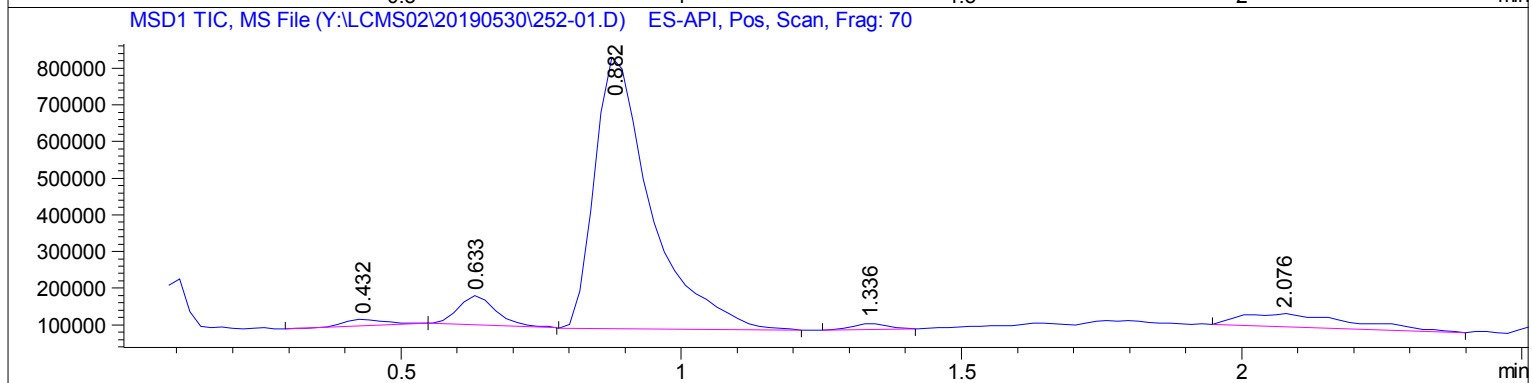
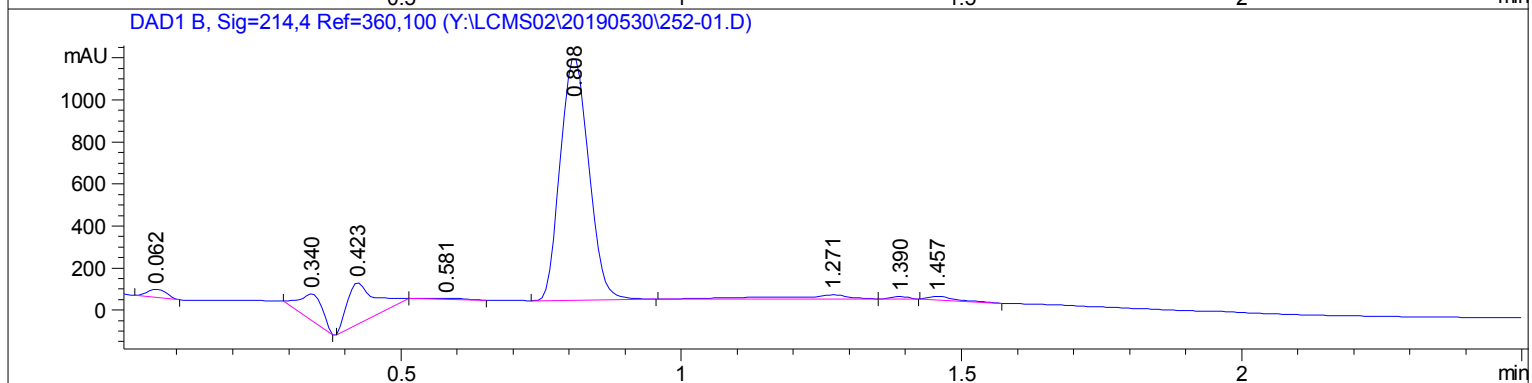
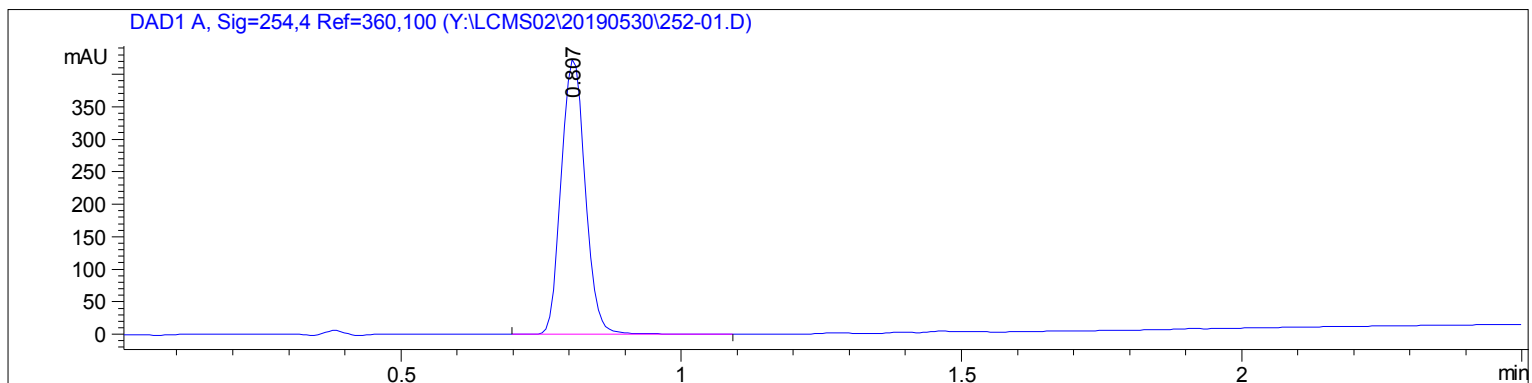
Angene International Limited  
 RM G G/F TAK FUNG INDUSTRIAL  
 CENTER TOWER 1,168 TEXACO RD  
 TSUEN WAN,HK  
 Tel: +852 81777290  
 Email: sales@angenechemical.com

## Certificate of Analysis

<b>Batch No.:</b>	G02-14171-1	<b>Molecular Formula</b>	C <sub>12</sub> H <sub>12</sub> O <sub>6</sub>
<b>CAS Registry No.:</b>	57420-27-6	<b>Molecular Weight</b>	252.22
<b>Manufacture Date</b>	2019-05-30	<b>Net Weight</b>	17g
<b>Product ID</b>	AGN-PC-0JP7P5	<b>Storage conditions</b>	Cold storage
<b>Product Name:</b>	2-(1,3-benzodioxol-5-ylmethyl)butanedioic acid		
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	
Appearance	White powder	Conforms	
Purity	≥95%	Conforms	
HNMR		Conforms	
<b>Report Date</b>	2019-06-04		
<b>Analyst</b>	Hui Dou		
<b>Supervisor</b>	ChenSun		

**Conclusion:** The above product meets the specifications of Angene





\*\*\* 报告结束 \*\*\*

MS Spectrum

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