



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2023-5092  
**Application:** Application Subject to Protection of Proprietary Interests in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment  
**Applicant:** Zhejiang Xinan Chemical Industrial Group Co. Ltd.  
**Product:** Wynca Bentazon Technical  
**Registration Number:** 35278  
**Active ingredient (a.i.):** Bentazon  
**PMRA Document Number :** 3605776

### Purpose of Application

The purpose of this application was to register Wynca Bentazon Technical, a new source of bentazon, based on a registered precedent product.

### Chemistry Assessment

Common Name: bentazon  
IUPAC\* Chemical Name: 3-isopropyl-1*H*-2,1,3-benzothiadiazin-4(3*H*)-one 2,2-dioxide  
CAS† Chemical Name: 3-(1-methylethyl)-1*H*-2,1,3-benzothiadiazin-4(3*H*)-one 2,2-dioxide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Wynca Bentazon Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.86%
Odour	Odourless
Density	1.41 g/mL at 20°C
Vapour pressure	1.17 x 10 <sup>-3</sup> mPa at 20°C
pH	2.92
Solubility in water	510.36 mg/L at 20°C
n-Octanol/water partition coefficient	log K <sub>ow</sub> = 0.50 (pH 4.52)

The required chemistry data for Wynca Bentazon Technical have been provided, reviewed, and

found to be acceptable.

## **Health, Environmental and Value Assessments**

Health, environmental and value assessments were not required for this application.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of Wynca Bentazon Technical.

## **References**

### **PMRA**

#### **Document**

<b>Number</b>	<b>Reference</b>
3503970	2023, Manufacturing process, DACO: 2.11.1,2.11.3,2.11.4 CBI
3503986	2023, Preliminary Analysis report, DACO: 2.13.1 CBI
3503987	2023, Batch data, DACO: 2.13.3,2.13.4 CBI
3503988	2023, batch data attachment 1, DACO: 2.13.3 CBI
3503989	2023, batch data attachment 2, DACO: 2.13.3 CBI
3503990	2023, batch data amendment, DACO: 2.13.3
3503991	2023, Chemical and physical properties, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2, 2.14.3,2.14.4,2.14.6,2.14.7,2.14.8,2.14.9,830.7000

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