

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2018-2013  
**Application:** B.1.1: New Source Same Registrant  
**Product:** Smartblock 98% Technical  
**Registration Number:** 30888  
**Active ingredients (a.i.):** 3-decen-2-one  
**PMRA Document Number:** 2982279

### Purpose of Application

The purpose of this application is to add a new manufacturing site to Smartblock 98% Technical.

### Chemistry Assessment

Common Name: No ISO-approved name  
IUPAC\* Chemical Name: 3-decen-2-one  
CAS† Chemical Name: 3-decen-2-one

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

... has the following properties:

Property	Result
Colour and physical state	Colourless to pale yellow liquid
Nominal concentration	98%
Odour	Pleasant
Density	0.845 g/mL
Vapour pressure	430 Pa
pH	4.33
Solubility in water	0.140 g/L
n-Octanol/water partition coefficient	$\log K_{ow} = 3.45$

The required chemistry data for SmartBlock 98% Technical have been provided, reviewed, and found to be acceptable.

### **Health, Environmental and Value Assessment**

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

### **Conclusion**

The PMRA has reviewed the information provided in support of the new manufacturing site. Based on the results of this review, the new manufacturing site is acceptable for registration.

## References

2884556	2016, 3-Decen-2-one Method Validation, DACO: 2.13.1 CBI
2884557	2016, 3-Decen-2-one Batch Analysis, DACO: 2.13,2.13.2,2.13.3 CBI
2893345	2018, Covering Letter, DACO: 2.1,2.2
2893346	2016, Production Process for SmartBlock® Potato Sprout Inhibitor Technical Grade, DACO: 2.11.1,2.11.3 CBI
2893347	2016, Materials Used for Production of SmartBlock® Potato Sprout Inhibitor Technical Grade, DACO: 2.11.2 CBI
2893348	2016, Formation of Impurities: SmartBlock® Potato Sprout Inhibitor Technical Grade, DACO: 2.11.4 CBI
2893349	2016, Certified Limits for SmartBlock® Potato Sprout Inhibitor Technical Grade, DACO: 2.12.1 CBI
2969101	2012, 3-Decen-2-one Method Validation, DACO: 2.13.1 CBI
2976186	2012, 3-Decen-2-one Method Validation, DACO: 2.13.1 CBI
2976187	2016, Improved copies of chromatograms (figures 13-17) from study BDG0218., DACO: 2.13.1 CBI

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