



Draft Assessment Report

Evaluation of Active Substances

Plant Protection Products

Prepared according to **assimilated Regulation No 1107/2009**
as it applies in Great Britain

**Aqueous extract from the germinated seeds
of sweet Lupinus albus**

Volume 3 – B.1 (AS)

Identity of the Active Substance

Great Britain

February 2025

Version History

When	What
June 2024	Initial DAR
February 2025	Updates made after ECP
February 2025	Updates made after additional information submitted post ECP
	Updates made after public consultation
	Updates made after additional information submitted post public consultation
	[Updates made after any additional steps not covered by the above]

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B.1. Identity

B.1.1. Identity of the active substance

B.1.1.1. Common name proposed or ISO-accepted and synonyms	Aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i>
B.1.1.2. Chemical name (IUPAC and CA nomenclature)	
IUPAC	Not applicable (natural plant protein)
CA	Not applicable (natural plant protein)
B.1.1.3. Producer's development code number	None
B.1.1.4. CAS, EEC and CIPAC numbers	
CAS	Not available for aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i> Lead component BLAD: 1219521-95-5
EEC	701-313-1
CIPAC	Not applicable
B.1.1.5. Molecular and structural formula, molecular mass	
Molecular formula	Not applicable for aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i> which is a UVCB (substance Substance of Unknown or Variable composition, Complex reaction product or of Biological material). Please refer to the Volume 4 (Confidential Information) section of the DAR for more information.
Structural formula	Not applicable for aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i> which is a UVCB substance. Please refer to the Volume 4 (Confidential Information) section of the DAR for more information.
Molecular mass	Not applicable for aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i> which is a UVCB substance. Please refer to the Volume 4 (Confidential Information) section of the DAR for more information.

B.1.1.6. Method of manufacture (synthesis pathway) of the active substance	Confidential information. Please refer to the Volume 4 (Confidential Information) section of the DAR.
B.1.1.7. Specification of purity of the active substance in g/kg	Lead component BLAD: 20% w/w (nominal), min-max: 18.8% w/w - 21.2% w/w
B.1.1.8. Identity and content of additives (such as stabilisers) and impurities	
B.1.1.8.1. Additives	Confidential information. Please refer to the Volume 4 (Confidential Information) section of the DAR.
B.1.1.8.2. Significant impurities	Confidential information. Please refer to the Volume 4 (Confidential Information) section of the DAR.
B.1.1.8.3. Relevant impurities	<p>None</p> <p>It is noted that the applicant proposed inclusion of quinolizidine alkaloids at total QAs max. 0.005% w/w. Quinolizidine alkaloids (QAs) may be present in lupin seeds, which subsequently may then be found in the aqueous extract from the germinated seeds of sweet <i>Lupinus albus</i> at low levels. If the content of the total QAs in the extract exceeds 0.006% w/w, which may be indicated by the content of lupanine, they are designated as relevant impurities and a clause may be required to limit their concentration.</p> <p>Quinolizidine alkaloids: Total quinolizidine alkaloids, max. 50 mg/kg, with lupanine as a marker component, max. 35 mg/kg.</p>
B.1.1.9. Analytical profile of batches	Confidential information. Please refer to the Volume 4 (Confidential Information) section of the DAR.

B.1.2. References relied on

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate Study Y/N	Data Protection Claimed Y/N	Justification if Data Protection is claimed	Owner	Previous evaluation
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A