

## 3051 – ABSCISIC ACID (ABA, DORMIVE)

REF NO: TBL/QA/SS/LC/3051	<b>STANDARD SPECIFICATION FOR ABSCISIC ACID (ABA, DORMIVE)</b>	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 3051

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	21293-29-8
<b>Chemical Formula</b>	C <sub>15</sub> H <sub>20</sub> O <sub>4</sub>
<b>Formula weight</b>	264.3
<b>Functional Uses</b>	Abcisic acid (ABA) is an isoprenoid plant hormone (phytohormone) synthesized in all parts of plants and involved in many plant developmental processes. ABA is involved in establishing dormancy and regulation of stress responses. ABA inhibits fruit ripening, seed germination, and photosynthesis and kinetin biosynthesis.
<b>Standard Packaging</b>	100mg, 500 mg & 1gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white granular powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	186 – 188°C
Assay	NLT – 98.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

