



## PRODUCT DATA SHEET

Code No.: BIA-AS6060

Pack sizes.: 1mg, 5mg

## Sugar set

### Sugars

Code No.: BIA-AS6060

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
Adonitol	BIA-A2617	488-81-3	C <sub>5</sub> H <sub>12</sub> O <sub>5</sub>	152.2
D-Arabinose	BIA-A2619	10323-20-3	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	150.1
L-Arabinose	BIA-A2620	5328-37-0	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	150.1
L-Arabitol	BIA-A2621	7643-75-6	C <sub>5</sub> H <sub>12</sub> O <sub>5</sub>	152.2
Dulcitol	BIA-D2623	608-66-2	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	182.2
meso-Erythritol	BIA-E2624	149-32-6	C <sub>4</sub> H <sub>10</sub> O <sub>4</sub>	122.1
D-Fructose	BIA-F2627	57-48-7	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	180.2
D-Galactose	BIA-G2625	59-23-4	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	180.2
D-Glucose	BIA-G2622	50-99-7	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	180.2
D-Lactose	BIA-L2626	63-42-3	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	342.3
D-Lyxose	BIA-L2628	1114-34-7	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	150.1
D-Maltose	BIA-M2629	6363-53-7	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	342.3
D-Mannitol	BIA-M2630	69-65-8	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>	182.2
D-Mannose	BIA-M2631	3458-28-4	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	180.2
D-Melezitose	BIA-M2632	10030-67-8	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>	504.4
D-Raffinose	BIA-R2618	512-69-6	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>	504.4
L-Rhamnose	BIA-R2633	10030-85-0	C <sub>6</sub> H <sub>12</sub> O <sub>5</sub>	164.2
D-Ribose	BIA-R2634	533-67-5	C <sub>5</sub> H <sub>10</sub> O <sub>5</sub>	150.1

Synonyms:

1mg or 5mg of each compound

## Specifications

CAS #	: <b>Varied</b>
Molecular Formula	: <b>Varied</b>
Molecular Weight	: <b>Varied</b>
Source	: -
Appearance	: <b>Varied</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: -

## Application Notes

Sugars: 1. Adonitol - (CAS# 488-81-3) - Molecular Formula: C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> - Molecular Weight: 152.15 | 2. D-Raffinose - (CAS# 512-69-6) - Molecular Formula: C<sub>18</sub>H<sub>32</sub>O<sub>16</sub> - Molecular Weight: 504.44 | 3. D-Arabinose - (CAS# 10323-20-3) - Molecular Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> - Molecular Weight: 150.13 | 4. L-Arabinose - (CAS# 5328-37-0) - Molecular Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> - Molecular Weight: 150.13 | 5. L-Arabitol - (CAS# 7643-75-6) - Molecular Formula: C<sub>5</sub>H<sub>12</sub>O<sub>5</sub> - Molecular Weight: 152.15 | 6. D-Glucose - (CAS# 50-99-7) - Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> - Molecular Weight: 180.16 | 7. Dulcitol - (CAS# 608-66-2) - Molecular Formula: C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> - Molecular Weight: 182.17 | 8. meso-Erythritol - (CAS# 149-32-6) - Molecular Formula: C<sub>4</sub>H<sub>10</sub>O<sub>4</sub> - Molecular Weight: 122.12 | 9. D-Galactose - (CAS# 59-23-4) - Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> - Molecular Weight: 180.16 | 10. D-Lactose - (CAS# 63-42-3) - Molecular

Formula: C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> - Molecular Weight: 342.3 | 11. D-Fructose - (CAS# 57-48-7) - Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> - Molecular Weight: 180.16 | 12. D-Lyxose - (CAS# 1114-34-7) - Molecular Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> - Molecular Weight: 150.13 | 13. D-Maltose - (CAS# 6363-53-7) - Molecular Formula: C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> - Molecular Weight: 342.3 | 14. D-Mannitol - (CAS# 69-65-8) - Molecular Formula: C<sub>6</sub>H<sub>14</sub>O<sub>6</sub> - Molecular Weight: 182.17 | 15. D-Mannose - (CAS# 3458-28-4) - Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> - Molecular Weight: 180.16 | 16. D-Melezitose - (CAS# 10030-67-8) - Molecular Formula: C<sub>18</sub>H<sub>32</sub>O<sub>16</sub> - Molecular Weight: 504.4 | 17. L-Rhamnose - (CAS# 10030-85-0) - Molecular Formula: C<sub>6</sub>H<sub>12</sub>O<sub>5</sub> - Molecular Weight: 164.2 | 18. D-Ribose - (CAS# 533-67-5) - Molecular Formula: C<sub>5</sub>H<sub>10</sub>O<sub>5</sub> - Molecular Weight: 150.1

## References