

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**

Niazirin

**Other names**

2-[4-[(2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxyphenyl]acetonitrile; 4-(alpha-L-Rhamnosyloxy)phenylacetonitrile; 4-[(6-Deoxy-alpha-L-mannopyranosyl)oxy]benzeneacetonitrile;

**CAS**

122001-32-5

**Catalog No.**

PHE-31-5

**Formula**

C<sub>14</sub>H<sub>17</sub>NO<sub>5</sub>

**Molecular mass**

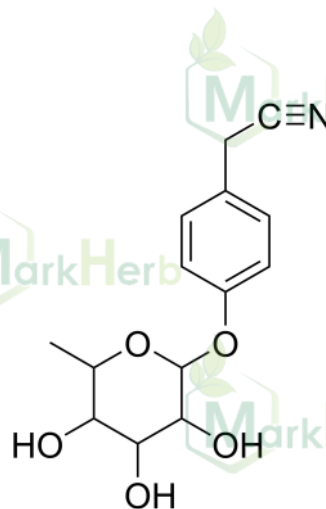
279.29 g/mol

**Date of sample**

04/01/2021

**Date of report**

04/01/2021



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White to yellow, powder	White to yellow, powder
Purity	NMR	> 90%	> 90%
UV spectrum	UV Spectroscopy	221 nm	221 nm
Mass spectrum	LC-MS/MS	NA	NA
NMR	<sup>1</sup> H-NMR, <sup>13</sup> C-NMR	Conforms	Conforms

NA, not available

### STORAGE CONDITIONS

**Storage** Refrigerator 2 to 8 °C

**Transport** Room temperature

Digitally signed by  
 Andi Rifki Rosandy, Ph.D

Date: 06.01.2021

Bandung - Indonesia