



## ShenZhen Dieckmann Tech Co., Ltd.

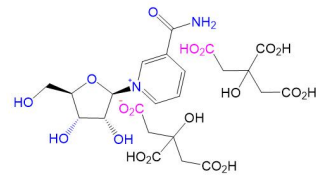
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# Certificate of Analysis

<b>Product Name:</b>	$\beta$ -Nicotinamide Riboside Citrate (1:2) NR • 2Citrate 3-(Aminocarbonyl)-1- $\beta$ -D-ribofuranosyl-pyridinium citrate (1:2)
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>5</sub> • C <sub>12</sub> H <sub>15</sub> O <sub>14</sub>
<b>Quantity:</b>	500g
<b>Batch No.</b>	2020040701
<b>Manufacture Date:</b>	04-07-2020
<b>Expiration Date:</b>	04-06-2022



Items	Method	Standard	Result
<b>Appearance</b>	Internal	White to light brown powder	Conforms
NR Purity (HPLC)	HPLC-UV(Area%)	≥90%	98.79%
Other Impurities (Nicotinamide) HPLC	HPLC-UV(Area%)	≤10%	Conforms
PH (0.01g/1ml)	Internal	2-6	3.73
Loss On drying	Internal	≤8.0%	Conforms
<b>Heavy metals</b>			
Lead	ICP-MS	≤0.5ppm	Conforms
Arsenic	ICP-MS	≤1.0ppm	Conforms
Cadmium	ICP-MS	≤1.0ppm	Conforms
Mercury	ICP-MS	≤1.0ppm	Conforms
<b>Microbiological</b>			
Total Plate Count	GB 4789.2 or equivalent	≤1000 CFU/g	Conforms
Yeasts & Molds	GB 4789.15 or equivalent	≤100 CFU/g	Conforms
E. Coli	GB 4789.3 or equivalent	<10 CFU/g	Conforms

**Conclusion:** Conform with Specification

**Storage:** Keep dry and away from light, Sealed, Long term storage below -20°C±5°C

**Inspector by:** Zhonghua Yang

**Date:** 04-07-2020

**Approved by:** Jialiang Song

**Date:** 04-17-2020

