

## Test Report

No.: RKP23900080

DATE: 2023/09/25

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NAN YA PLASTICS CORPORATION  
NO.2,FORMOSA INDUSTRIAL PARK,MAILIAO,YUNLIN COUNTY,TAIWAN

The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : NAN YA PLASTICS CORPORATION  
Sample Description : 1,4-butanediol (1,4 - 丁二醇)  
Sampling Date : 2023/09/07

Sample Receiving Date : 2023/09/12  
Testing Period : 2023/09/12 to 2023/09/25

Test Result(s) : Please refer to next page(s).

*Joey Chung*

**Joey Chung / Asst. Manager**  
**Signed for and on behalf of**  
**SGS Taiwan Limited**  
**Natural Resources Laboratory-**  
**Kaohsiung**



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## Test Part Description

No.1 : 1,4-butanediol (1,4 -丁二醇)

## Test Result(s)

Test Item(s)	Method	Unit	MDL	Result
				No.1
Platinum (Pt)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Thallium(Tl)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Selenium(Se)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Silver (Ag)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Vanadium (V)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Barium (Ba)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Nickel(Ni)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Molybdenum (Mo)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Lithium (Li)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Lead(Pb)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.

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Copper(Cu)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Cobalt (Co)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Chromium(Cr)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Cadmium(Cd)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Arsenic(As)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Antimony (Sb)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Mercury(Hg)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Tin(Sn)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Rhodium(Rh)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Ruthenium(Ru)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Iridium(Ir)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Palladium(Pd)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.
Gold(Au)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb(µg/L)	1.00	n.d.

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Osmium(Os)	With reference to USEPA 6020B method. Analysis was performed by ICP/MS.	ppb( $\mu\text{g/L}$ )	1.00	n.d.
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**Note:**

1. MDL = Method Detection Limit
2. " - " = Not Regulated
3. mg/kg = ppm ; mg/L = ppm ; 1 %(w/w) = 10000ppm ; 1 %(v/v) = 10000ppm

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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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**\*\* End of Report \*\***

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