

Certificate of Analysis

- **Product :** PURIFIED ISOPHTHALIC ACID (PIA) **Date Issued :** 2023/02/26
- **Grade :** JXPI01C
- **Lot/Batch Number :** I20G0223
- **Date Tested :** 2023/02/18
- **Quantity :** 4.000 MT
- **Customer :**
- **Order NO. :** VI2123

Test Item	Test Method	Unit	Spec(Min)	Spec(Max)	Result
Purity	WI-QS-P13	wt%	99.9		99.9
Acid No.	WI-QS-P01	mgKOH/g	673.0	677.0	675.0
3-Carboxyl Benzaldehyde	WI-QS-P04	wtppm		25.0	1.5
Meta Toluic Acid	WI-QS-P04	wtppm		150.0	6.0
Moisture	WI-QS-P03	wt%		0.100	0.056
b-value	WI-QS-P05	-			0.42
Particle Size Mean	WI-QS-P09	µm			126
Ash	WI-QS-P10	wtppm		15.0	1.8
Total Metal	WI-QS-P11	wtppm		10.00	0.50
Fe	WI-QS-P11	wtppm		1.00	0.03
Co	WI-QS-P11	wtppm		1.00	0.06
Mn	WI-QS-P11	wtppm		1.00	0.05
Na		wtppm			0.27

I Hereby Certify that the Above Statement of Quality to be True and Correct.

Kim, Jong Woon
Leader of Quality Control Lab.

Certificate of Analysis

- **Product :** PURIFIED ISOPHTHALIC ACID (PIA) **Date Issued :** 2023/02/26
- **Grade :** JXPI01C
- **Lot/Batch Number :** I17G0223
- **Date Tested :** 2023/02/16
- **Quantity :** 16.000 MT
- **Customer :**
- **Order NO. :** VI2123

Test Item	Test Method	Unit	Spec(Min)	Spec(Max)	Result
Purity	WI-QS-P13	wt%	99.9		99.9
Acid No.	WI-QS-P01	mgKOH/g	673.0	677.0	675.0
3-Carboxyl Benzaldehyde	WI-QS-P04	wtppm		25.0	1.5
Meta Toluic Acid	WI-QS-P04	wtppm		150.0	7.0
Moisture	WI-QS-P03	wt%		0.100	0.053
b-value	WI-QS-P05	-			0.48
Particle Size Mean	WI-QS-P09	µm			105
Ash	WI-QS-P10	wtppm		15.0	1.8
Total Metal	WI-QS-P11	wtppm		10.00	0.50
Fe	WI-QS-P11	wtppm		1.00	0.03
Co	WI-QS-P11	wtppm		1.00	0.06
Mn	WI-QS-P11	wtppm		1.00	0.05
Na		wtppm			0.27

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