

CERTIFICATE OF ANALYSIS

Date Issued : 2023 Aug 08

APPLICANT NAME : URMI CHEMICALS
PRODUCT NAME : ISOPHTHALIC ACID
QUANTITY : 20.00 MT
LOT NUMBER : 129C0723
MANUFACTURING DATE : 2023-07-28
EXPIRY DATE : 2024-01-27

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	674.5
3-CARBOXYL BENZALDEHYDE	WI-QS-P04	wtppm		25.0	0.4
META TOLUIC ACID	WI-QS-P04	wtppm		150.0	19.9
MOISTURE	WI-QS-P03	wt%		0.100	0.063
b-VALUE	WI-QS-P05	-			0.76
PARTICLE SIZE MEAN	WI-QS-P09	μm			95
Ash	WI-QS-P10	wtppm		15.0	4.2
TOTAL METAL	WI-QS-P11	wtppm		10.00	1.90
Fe	WI-QS-P11	wtppm		1.00	0.41
Co	WI-QS-P11	wtppm		1.00	0.18
Mn	WI-QS-P11	wtppm		1.00	0.19

We hereby certify that above statement of quality to be true and correct.

*THE NUMBER OF THIS LETTER OF CREDIT:

529011059955-S

ISSUED BY MANUFACTURER
LOTTE CHEMICAL

Koo, Kwang Bon
Leader of Quality Control Lab.