

Certificate of Analysis

SIGMA-ALDRICH

Product Name Acetaminophen,
BioXtra, ≥99.0%
Product Number A7085
Product Brand SIAL
CAS Number [103-90-2](#)
Molecular Formula CH₃CONHC₆H₄OH
Molecular Weight 151.16

TEST	SPECIFICATION	LOT 088K0040 RESULTS
APPEARANCE	WHITE POWDER	PASS*
SOLUBILITY	CLEAR COLORLESS (0.5M IN ETHANOL)	PASS
RESIDUE ON IGNITION	< OR = 0.1%	PASS*
AMMONIA CONTENT	< OR = 0.05%	PASS
INSOLUBLE MATTER	< OR = 0.1%	PASS
CHLORIDE	< OR = 0.05%	PASS*
SULFATE	< OR = 0.05%	PASS*
ALUMINUM	< OR = 0.0005%	PASS
CALCIUM	< OR = 0.0005%	PASS
COPPER	< OR = 0.0005%	PASS
IRON	< OR = 0.0005%	PASS
LEAD	< OR = 0.001%	PASS
MAGNESIUM	< OR = 0.0005%	PASS
PHOSPHORUS	< OR = 0.0005%	PASS
ZINC	< OR = 0.0005%	PASS
POTASSIUM	< OR = 0.005%	PASS
SODIUM	< OR = 0.005%	PASS
PURITY	MINIMUM 99.0%	99.6%*
RECOMMENDED RETEST	4 YEARS	*SUPPLIER'S INFORMATION
QC RELEASE DATE		AUGUST 2012
		AUGUST 2008



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