

Specification Sheet

Product Name	Phthalic acid ACS reagent, ≥99.5%
Product Number	402915
Product Brand	SIAL
CAS Number	88-99-3
Molecular Weight	166.13

TEST

SPECIFICATION

APPEARANCE (COLOR)	White
APPEARANCE (FORM)	Powder or Crystals
TITRATION (T) NAOH 1M	99.5 - 101.5 %
WATER	≤ 0.5 %
SULFATED ASH	≤ 0.02 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE

TEST

SPECIFICATION

ACS SPECIFICATIONS

Insoluble Matter $\leq 0.05\%$
Heavy Metals (as Pb) $\leq 0.001\%$

IRON (ICP)

$\leq 10\text{ mg/kg}$

TOTAL SULFUR AS SO₄ (ICP)

$\leq 50\text{ mg/kg}$

CHLORIDE (CL)

$\leq 10\text{ mg/kg}$

NITRATE (NO₃)

$\leq 50\text{ mg/kg}$