



# Product Specification

**Product Name:** BUFFER SOLUTION pH 4.0 Colour-coded red

Alternate Name(s)

Description

pH 4.0 buffer, red colour coded solution, containing potassium hydrogen phthalate as the principal ingredient & methyl 4-hydroxybenzoate as preservative.

Properties

Chemical Formula: Mixture

Molecular Weight:

Product Code: BL047

CAS No.

General Information:

Non combustible material.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH90

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Not classified as hazardous according to the criteria of ASCC.

Quality Specification

Assay: pH 4.0 ± 0.05 @ 20°C

Specific Properties and Impurities [Typical levels]:

Specific Gravity	~1.0
pH Value	4.0 ± 0.05 (20°C)
Temperature (°C)	Average pH
10	4.09
15	4.03
20	4.00
25	3.96
30	3.92
35	3.87
40	3.82

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