

Product Name: Spectroflux 105, Lithium tetraborate, Lithium carbonate & Lanthanum oxide, 47:37:16 w/w%

Catalog Number: 012083.D9

Product Specification

Appearance (Color): White

Form: Powder

Loss on ignition: $\leq 1.0\%$ (30 minutes/900°C)

Elemental Analysis: Lanthanum (Theoretical): 17.50%

Elemental Analysis: Lithium (Theoretical): 13.86%

Elemental Analysis: Magnesium Mg: $\leq 100\text{ppm}$

Elemental Analysis: Potassium K: $\leq 100\text{ppm}$

Elemental Analysis: Silicon Si: $\leq 250\text{ppm}$

Elemental Analysis: Titanium Ti: $\leq 100\text{ppm}$

Elemental Analysis: Sodium Na: $\leq 500\text{ppm}$

Comment: Li:B ratio: 0.854-0.944

Comment: Li:La ratio: 0.752-0.832

Elemental Analysis: Aluminium Al: $\leq 100\text{ppm}$

Elemental Analysis: boron (Theoretical): 15.42%

Elemental Analysis: Calcium Ca: $\leq 50\text{ppm}$

Elemental Analysis: Chromium Cr: $\leq 100\text{ppm}$

Elemental Analysis: Others: $\leq 500\text{ppm}$ each

Total Metal Impurities: $\leq 1000\text{ppm}$

Elemental Analysis: Iron Fe: $\leq 200\text{ppm}$

Date Of Print: 05/25/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.