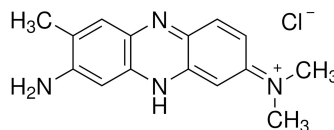


# Certificate of Analysis

**Product Name :** Neutral Red powder, BioReagent, suitable for cell culture  
**Product Number :** N4638-5G  
**Batch Number :** 0000370047  
**Source Batch :** MKCG8905  
**CAS Number :** 553-24-2  
**MDL Number :** MFCD00012651  
**Storage Temperature :** Cooler/Refrigerated  
**Molecular Formula :** C<sub>15</sub>H<sub>17</sub>ClN<sub>4</sub>  
**Formula Weight :** 288.78 g/mol  
**Date Retested :** 19 Aug 2020  
**Quality Release Date :** 18 OCT 2016



Test	Specification	Result
Appearance (Color) May Have Red or Green Sheen	Brown to Black	Black
Appearance (Form)	Powder	Powder
Solubility (Color) c = 10 mg/ml; Water	Dark Red	Dark Red
Infrared Spectrum	Conforms to Structure	Conforms
Dye Content Calculated Based on UV Spectral Assay	≥ 90 %	97 %
Cell Culture Test	Pass	Pass

Larry Coers, Director  
Quality Control  
Milwaukee, WI  
US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

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